

**PHASE I  
ENVIRONMENTAL SITE  
ASSESSMENT REPORT**

*Project Site:*

**Section 3  
J-Pit Redevelopment Sites  
Gary, Indiana**

*Prepared for:*

**City of Gary Department of Environmental Affairs  
504 Broadway, Suite 1012  
Gary, IN 46402**

*Project #1216.001.03*

*Prepared by:*

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**July 2, 2001**



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July 2, 2001

Ms. Mary Mulligan  
City of Gary Department of Environmental Affairs  
504 Broadway, Suite 1012  
Gary, IN 46402

**SUBJECT: PHASE I ENVIRONMENTAL SITE ASSESSMENT  
SECTION 3  
J-PIT REDEVELOPMENT SITES  
GARY, INDIANA  
EDI Project No. 1216.001.03**

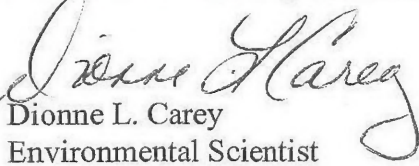
Dear Ms. Mulligan:


Enclosed please find two bound copies and one unbound copy of the Phase I Environmental Site Assessment Report for the subject property. After you review the report, please feel free to call Ms. Dionne L. Carey at (312) 356-5400 if any aspects of the report need clarification.

We appreciated the opportunity to work with you on this project.

Respectfully,

**Environmental Design International inc.**

  
Dionne L. Carey  
Environmental Scientist

  
Elaine Petkovsek, P.E.  
Senior Project Engineer

Enclosures

cc: 1216.001 project file

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## EXECUTIVE SUMMARY

Environmental Design International inc. (EDI) performed a Phase I Environmental Site Assessment for the property bounded by on the west by Colfax Avenue from 21<sup>st</sup> Avenue to 22<sup>nd</sup> Avenue then King Street from 22<sup>nd</sup> Avenue to 23<sup>rd</sup> Street. The property is bounded on the north by Gary Sanitary Landfill, on the east by Calhoun Street, and on the south by 23<sup>rd</sup> Avenue. The property reconnaissance was conducted on February 16, 2001. The property is vacant and mostly covered with trees, shrubs and cattails. The inspection and review of available records revealed the following:

### RECORDS REVIEW

- **Site History:** The subject property is covered with dense shrubs, trees and cattails. A portion of the property was historically used as a junkyard.
- The subject property was not identified on any of the databases searched.
- A review of the National Priorities List (NPL) indicated two sites within the area vicinity, which are located within 1.25-mile radius of the subject property. Based on the distance of these sites and the assumed groundwater direction, it is not likely these sites have had an adverse affect on the groundwater and subsurface soils of the subject properties.
- A review of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) indicated one site within ¾-mile radius of the subject property. Based on the distance of these sites and the assumed groundwater direction, it is not likely that this site has had or would have an adverse environmental impact on the subject property.
- A review of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) – No Further Remedial Action Planned (NFRAP) Archive indicated one site within the area vicinity, two sites within ¾-mile radius and one additional site within 1 ¼-mile radius of the subject property. It is possible that leachate from the closed Gary Sanitary Landfill, located north of the subject property, has impacted the subject property.
- A review of the RCRA - Generators list indicated one site within a 1/8-mile radius of the subject property. Based on the distance of this site from the subject property, it is not likely that this site has had or would have an adverse environmental impact on the subject property, in the event of a release.
- A review of the Emergency Response Notification System (ERNS) indicated one site within a 1/8-mile radius of the subject property. Since this incident occurred on the northwest adjacent property, it is possible that this incident has had an adverse environmental impact on the subject property.
- A review of the Toxic Release Inventory Data (TRI) indicated one site within a 1/8-mile radius of the subject property. This site is the east adjacent property to the subject property.

There is the potential that this site may have had an adverse environmental impact on the subject property.

- A review of the Civil Enforcement Docket (DOCKET) indicated four sites within the subject property's vicinity. Based on the distance of these sites from the subject property is not likely these sites have had an adverse environmental impact of the subject property.
- A review of the Indiana State Cleanup List (SCL) indicated three sites within the area vicinity, one site within a ¾-mile radius and one site within 1 ¼-mile radius of the subject property. Based on the distance of these sites from the subject property, is not likely that these sites have had an adverse environmental impact on the subject property.
- A review of the Indiana Solid Waste Facilities Data (SWF) list indicated one site within 1 ¼-mile from the subject property. Based on the distance of this site from the subject property it is not likely that this site has had an adverse environmental impact on the subject property.
- A review of the Indiana Leaking Underground Storage Tank Data (LUST) list indicated ten incidents at four sites within ¾-mile of the subject property. Two of these sites have impacted groundwater and are upgradient from the subject property. Therefore, they may have impacted the subject property.

## **VISUAL OBSERVATIONS**

- **Materials Handling, Storage and Waste Disposal Practices:** Debris and scattered piles of debris were observed on the subject property. Items noted included shredded tires and general rubbish.
- **Underground and Above Ground Storage Tanks:** No evidence of underground storage tanks (USTs) or above ground storage tanks (ASTs) was observed on the subject property.
- **Polychlorinated Biphenyls:** One pole-mounted transformer was observed on the west end of the subject property. No evidence of leaks was observed. No other suspect polychlorinated biphenyl (PCB)-containing equipment was observed on the subject property.
- **Sumps and Storm Sewers:** No sumps or storm sewers were identified on the subject property.
- **Wetlands:** Cattails were observed on the subject property. No other evidence of wetlands was observed on the subject property.

## **CONCLUSIONS AND RECOMMENDATIONS**

This Phase I Environmental Site Assessment has revealed the following recognized environmental conditions in connection with the subject property:

- The northern portion of the property is a former junkyard. The nature of the materials deposited in this area is unknown. Soil sampling is recommended to determine if site soils have been negatively impacted by the operations of the junkyard.
- The southwest portion of the property is adjacent to an active junkyard. The nature of the materials deposited in this area is unknown. Soil sampling is recommended to determine if site soils have been negatively impacted by the operations of the junkyard.
- The closed Gary Sanitary Landfill is the north adjacent property to the subject site. Sampling is recommended to assess if site soils or groundwater have been negatively impacted by leachate from the landfill.
- Bivona Medical Tech is the east adjacent property to the subject site and is identified on the Toxic Release Inventory Data list. A release to the land of trichloroethane was reported for this site in 1987. Soil sampling is recommended to determine if site soils have been negatively impacted by the operations on this site.
- Two LUST sites, Truckstops of America and Amoco have impacted groundwater and are upgradient of the subject property. Based on the local geology, these sites have the potential to impact the subject property. Groundwater sampling is recommended to assess whether the subject property has been impacted.
- Stressed vegetation was observed throughout the subject property. Soil sampling is recommended to determine if the site soils have been negatively impacted by past operations on the subject property and past and present operations on adjacent properties.
- A wetlands survey is recommended based on the presence of cattails on a portion of this property.

*The Executive Summary provides a brief overview of the findings of this environmental site assessment. It should be noted that although the Executive Summary is an integral part of a report, it does not substitute for reading the entire report. The complete report must be read in order to fully understand the findings and potential environmental concerns associated with the subject property.*

## **1.0 INTRODUCTION**

At the request of Ms. Mary Mulligan with City of Gary Department of Environmental Affairs, EDI performed a Phase I Environmental Site Assessment for the property bounded by on the west by Colfax St, 22<sup>nd</sup> Ave. and Hamlin Street. On the north by the closed Gary Sanitary Landfill, on the east by Calhoun Street and on the south by 23<sup>rd</sup> Avenue. The property reconnaissance was conducted on February 16, 2001.

### **1.1 PURPOSE**

The purpose of this assessment was to identify potential environmental hazards based on a visual inspection of the property and a review of available public records relative to items specified in the contract. This assessment is not intended to include the identification of conditions that do not present a direct threat to the public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies.

### **1.2 SCOPE OF WORK**

The Phase I Environmental Site Assessment consisted of (1) a database search/document review, (2) a site investigation and property reconnaissance, and (3) personal interviews.

### **1.3 LIMITATIONS**

The Phase I Assessment was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the environmental profession under similar conditions. No other warranty or guarantee, express or implied, is included or intended in this Report or otherwise.

The conclusions and recommendations stated in this Report are based upon observations made by individuals working on behalf of EDI, and also upon information provided by others. We have accepted as true and accurate the information provided by other sources; therefore we cannot be held responsible for the accuracy of this information.

The Scope of this Assessment does not purport to encompass every report, record, or other form of documentation relevant to the Property being evaluated. The observations contained herein are made during the site reconnaissance, review of ownership records, discussions with local officials, and review of readily accessible environmental databases. We can only base our observations upon site conditions readily visible and present at the time of our site inspection. This Phase I Assessment is based on our professional judgment concerning the significance of the data collected and in no way attempts to forecast the future site conditions.

## **2.0 BACKGROUND**

### **2.1 PROPERTY LOCATION AND LEGAL DESCRIPTION**

The subject property is bounded on the west by Colfax St, between 21<sup>st</sup> and 22<sup>nd</sup> Avenue and by King between 22<sup>nd</sup> and 23<sup>rd</sup> Avenue. It is bounded on the north by the closed Gary Sanitary Landfill, on the east by Calhoun Street and on the south by 23<sup>rd</sup> Avenue. The subject property is located in Gary, Indiana. The surrounding land use is commercial and residential.

Maps showing the extent of the subject property are provided in Appendix A. The legal descriptions for the parcels which constitute the subject property are provided in Volume III, Appendix H, Section 3.

### **2.2 PROPERTY HISTORY**

Ninety percent of the subject property is vacant. The other ten percent has a structure with a parking area located to the west. Forty acres of the north end of the subject property was used for car repairs and dumping.

#### **2.2.1 Personal Interviews**

Interviews were conducted to determine if there are any known past or present environmental concerns associated with the site. Prior to the early nineteen-nineties, the Gary Sanitary Landfill, north adjacent property, did not have a slurry wall in place to prevent leachate from migrating onto adjacent properties. The southwest adjacent property has historically operated as a junkyard.

#### **2.2.2 Indiana Department of Environmental Management**

A Freedom of Information Act (FOIA) request was submitted to the Indiana Department of Environmental Management for the subject property. No response had been received as of the completion of this report.

#### **2.2.3 Sanborn Maps**

Sanborn Fire Insurance Maps were requested from Vista Information Solutions, Inc., San Diego, California. Sanborn maps are detailed drawings that show the locations and use of structures on a given property during a specific year. The maps were originally used by insurance companies to assess fire risk. According to Vista, there is no historic map coverage available for the subject property. A copy of the Sanborn map report is provided in Appendix B.

#### **2.2.4 Aerial Photograph**

An aerial photograph was obtained from The Sidwell Company for the year 1978. The scale is 1 inch = 100 feet. Additional years were not available. A partial copy of the aerial photograph is provided in Appendix C.



The 1978 photograph depicts the northern and eastern portions of the subject property as covered with trees and brush. The west portion of the subject property is depicted with a structure, cars and scattered debris. The southern portion of the subject property is depicted with a structure and cars.

Recognized environmental concerns identified from the aerial photograph include the subject property operating as a junkyard and scattered debris along the southern border of the north adjacent property.

### **2.2.5 City Directories**

The addresses associated with the subject property were researched using twelve City Directories dated 1960 to 1999. Polk's City Directories were used for the years 1960 to 1975 and Haines Criss-Cross Directories were used for the years 1977 through 1999. Copies of pages from these directories that cover the addresses associated with the subject property are provided in Appendix G, Volume II.

No information of environmental concern was revealed during the review of the City Directories for the subject property.

### **2.2.6 National Environmental Policy Act (NEPA) Profile**

A NEPA Profile of the subject property was prepared by Vistainfo located in San Diego, California. The NEPA Profile reviews the subject property location and information on the natural and cultural features that may exist within a one-mile radius of the subject site. The profile ensures compliance with NEPA by reviewing seven different topics, including wetlands, wilderness areas, wildlife preserves, endangered species habitat, floodplains, national historic sites and landmark sites, and Native American Indian sites, and indicates whether the subject property is directly impacted by one of these categories. A copy of the NEPA Profile is provided in Appendix D.

The NEPA Profile did not identify wetlands on the subject property. Wetlands were identified on the north and northwest adjacent properties. Three unmappable sites on the National Register of Historic Places were identified in the same county as the subject property, however none of the sites are located within Gary. No Native American Indian sites, wildlife refuges, state parks or forests, wilderness areas, national parkways or scenic rivers, national forest service lands, or national park service lands were identified within a one-mile radius of the subject property. No floodplain areas or historic places were identified within a 1/2-mile radius of the subject site.

## **2.3 TOPOGRAPHY**

The topographic map coverage of the subject property's vicinity was provided by the United States Geological Survey's (USGS's) Highland, Indiana, 7.5-minute quadrangle map dated 1991. A site location map, which is a partial copy of the USGS map, is provided as Figure I. The topographic map shows the elevation of the subject property as approximately 614 feet above mean sea level. In general, surface water flows to the Little Calumet River, which is located

approximately 1 ¼-mile south of the subject property, through a series of ditches and storm sewers.

## **2.4 REGIONAL SUBSURFACE GEOLOGY/HYDROGEOLOGY**

EDI reviewed the State of Indiana Department of Natural Resources publication entitled Environmental Geology of Lake and Porter Counties, Indiana, dated 1975. EDI's review of this document found that surface spillage of chemical, petroleum, or other potentially hazardous compounds on native soil in the area of the Property would have a high potential for impacting groundwater.

Figure 2 shows groundwater elevations in the Calumet Aquifer during March 1993 and October 1994. Figure 2 shows that the subject property is just north of the divide between the Grand Calumet River and the Little Calumet River watersheds. This would indicate that groundwater in the vicinity of the site would flow to the north. The location of the J-Pit to the northwest of this property may also influence the groundwater flow direction. Because the water in the J-Pit is pumped out it may create a depression in the groundwater system and shift the groundwater flow direction to the northwest. Localized groundwater flow can only be determined by installing monitoring wells. Based on this information, surface spillage of chemical, petroleum, or other potentially hazardous compounds on native soil in the area of the Property would have a high potential for impacting groundwater and extending well beyond the initial area of contamination.

The regional subsurface geology of Lake County is referenced from Environmental Geology of Lake and Porter Counties, Indiana published by the State of Indiana Department of Natural Resources Geological Survey dated 1975. Lake County is divided into three distinctive physiographic units. These units from north to south are the Calumet Lacustrine Plain, Valparaiso Morainal Area, and Kankakee Outwash and Lacustrine Plain.

The Calumet Lacustrine Plain encompasses the subject property. Sediments of the Calumet Lacustrine Plain consist of fine silts and clays as lake bottom deposits, eolian sand dunes and beach sand, sand and fine gravel deposited from glacial outwash, and clay-rich till inclusions of varying thickness and area distribution.

The underlying unconsolidated deposits were deposited directly and indirectly by glacial forces during the great Ice Age in the Pleistocene Epoch. These deposits were laid down during the last major ice advance, during the Wisconsinan Age, by the combined agents of ice, wind, and water. The majority of the fine clays and silts were deposited in the late Wisconsinan age as lake bottom and near shore deposits of the glacial Lake Chicago. Lake Chicago was formed by the retreating glacier's sediment laden melt water as the Valparaiso Morainal Area to the south trapped it. As the silt and clay settled out of suspension, large masses were accumulated across the lake basin. Outwash sand and gravel washed in to the lake from the morainal plain and settled rapidly to form bars and ridges of coarse materials, which were reworked by wave and current action forming beaches. When the Valparaiso Morainal Plain was breached the water level of Lake Chicago lowered during a successive process. During this regression, three semi-stabilized water levels occurred forming sand beaches and dunes. Today, these dunes are expressed at the surface parallel to the existing shoreline of Lake Michigan. These relic beaches have been named

Toleston, Calumet, and Glenwood (youngest to oldest). The subject area lies within the Calumet beach area.

The underlying uppermost bedrock formations of this area consist of Devonian and Silurian limestone, shale, and dolomite. The succession of the sedimentary rocks was deposited on the granitic basement rock in shoreline and near-shore environments relative to regressive and transgressive sea levels. The shales were deposited in a shallow marine environment derived from the Canadian Shield. The limestones were deposited in moderately shallow marine waters, and the dolomites and dolomitic limestones resulted from post-deposition alteration of the limestone.

### 3.0 DATABASE SEARCH

A Government Records Search, Priority Risk Report was requested for the subject property from EcoSearch Environmental Resources, Inc. (EcoSearch). The EcoSearch Government Records Search, Priority Risk Report maps sites with potential or existing environmental liabilities. The search met the specific requirements of American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E-1527-00, including those associated with governmental databases, search distances and data currency. A copy of the EcoSearch Government Records Search, Priority Risk Report is provided in Appendix E.

No mapped sites were found in the EcoSearch Government Records Search, Priority Risk Report of available government records within the ASTM E-1527-00 search radius around the subject property for the following databases:

- Resource Conservation and Recovery Act (RCRA) list of Treatment, Storage, and Disposal (TSD) Facilities or Corrective Action Sites (CORRACTS)
- PCB Activity Database System (PADS)
- Section Seven Tracking System (SSTS)
- Toxic Substances Control Act Inventory (TSCA)
- Indiana Registered Underground Storage Tank List (UST)

The subject property was not identified on any of the databases searched.

Due to the large areas and irregular shapes of some of the listed sites, the actual locations may not correspond to the post office address, and the actual distances to the site may not correspond to the database distance.

### 3.1 NATIONAL PRIORITIES LIST (NPL)

The NPL is a subset of the Comprehensive Environmental Response, Compensation, and Liability Index System (CERCLIS) and lists over 1,150 of the nation's most dangerous sites with uncontrolled or hazardous wastes that require cleanup. Also known as the Superfund List, the sites are scored according to the hazardous ranking system.

A review of this list indicated two sites within the area vicinity, which is located within a 1 ¼-mile radius of the subject site. These sites are:

- 9th Avenue Dump, 20-acre parcel located at 7357 W. 9th Avenue. The closest portion of this site is located approximately 1.15-mile northwest of the subject property. Chemical and industrial waste disposal occurred on this site from the early to mid-1970's. An estimated 10,000 barrels and 500,000 gallons of liquid waste were dumped on-site and 1,000 barrels were buried. The final cleanup activities for the site are being performed by a group of potentially responsible parties. The most heavily contaminated materials have been removed and remaining hazardous materials have been isolated with a slurry wall and cap; therefore,

the potential for exposure to hazardous materials is reduced. However, the groundwater is contaminated with volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and heavy metals. Off-site soils were found to contain PAHs, VOCs, and heavy metals. Final cleanup actions are continuing. This site is also indicated on the DOCKET, CERCLA-NFRAP Archive, and SCL databases.

- Midco I (Midwest Solvent Recovery Company), 4-acre parcel located at 7400 W. 15<sup>th</sup> Avenue. The closest portion of this site is located approximately 1.11-mile west-northwest of the subject property. This site is an abandoned industrial waste disposal, recycling, and storage facility that operated during the 1970's. Groundwater is contaminated with VOCs, including trichloroethylene (TCE), vinyl chloride, benzene, and methylene chloride, semi-VOCs (SVOCs), metals, and cyanide. Surface waters northeast of the site are contaminated with VOCs, chromium, lead, cadmium, and cyanide and sediments and soils are contaminated with VOCs, SVOCs, PCBs, metals, cyanide, and chlordane. It has been confirmed that the contamination in the soil is leaching into the groundwater, which is migrating off-site. The contamination from this site may have an adverse environmental impact on the surrounding wetlands. Surface water discharge of the contaminated groundwater, after removal of hazardous substances, is not an option due to the high levels of sodium chloride. In 1982, the EPA removed surface wastes, a UST, drums, and the top one foot of contaminated soil to remove any immediate threat to the public. Cleanup actions selected by the EPA include on-site remediation and disposal of 7,800 cubic yards of contaminated subsurface soil, excavation and remediation of 1,200 cubic yards of contaminated sediment from the surrounding wetlands, groundwater monitoring and installation of a treatment system to remediate the contaminated groundwater, and installation of a final site cover. Final cleanup actions are currently underway. This site is also indicated on the SCL and DOCKET databases.

Based on the local geology, and the distance of these sites from the subject property, there is a low potential that these sites have had an adverse environmental impact on the groundwater and/or subsurface soils of the subject property.

### **3.2 COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) – ACTIVE**

The CERCLA, enacted in 1980, provided for federal and state programs to initiate the cleanup of uncontrolled hazardous waste sites, and to protect human health and the environment. Sites on the Comprehensive Environmental Response, Compensation, and Liability Index System (CERCLIS) list have been proposed for investigation because they are suspected by the United States Environmental Protection Agency (USEPA) of being toxic to the environment and human health and may require cleanup. These could become "Superfund" sites and vary in their amount of toxicity and impact to the surrounding area.

A review of this list indicated one site within a ¾-miles radius of the subject property. The site is Black Oaks Dump located at 21<sup>st</sup> and Mount Street, 0.64-mile east of the subject property. This site is currently under investigation by the federal government to assess the extent of further action. The site is also listed on the SCL database.

Based on the distance of this site from the subject property, it is not likely this site has had or would have an adverse environmental impact on the subject property.

### **3.3 CERCLA - NO FURTHER REMEDIAL ACTION PLANNED (NFRAP) ARCHIVE**

The CERCLA -- NFRAP Archive list includes sites that have been reclassified as NFRAP by the USEPA. These former CERCLIS sites have been delisted because a lack of significant contamination was found.

A review of this list indicated one site within the area vicinity, two additional sites within a  $\frac{3}{4}$ -mile radius, and one additional site within a 1.25-miles radius of the subject property. The closest site is Gary Sanitary Landfill, the north adjacent property located at 15<sup>th</sup> & Colfax Street.

The Gary Sanitary landfill is closed. According to Ms. Dorreen Carey, City of Gary, a slurry wall has been installed to contain leachate from the landfill, and a leachate collection system has been installed. Prior to the installation of these systems, however, leachate from the landfill may have impacted the subject property. Based on the No Further Remedial Action Planned status and distance of the two other sites, it is not likely these sites have had or would have an adverse environmental impact on the subject property.

### **3.4 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) – GENERATORS**

RCRA, which was enacted in 1980, regulates facilities that generate, treat, store, or dispose of hazardous waste. The Resource Conservation and Recovery Information System (RCRIS) list contains information on hazardous waste handlers regulated by the USEPA under RCRA. The RCRIS list of Generators contains information on hazardous waste generators that create more than 100 kg of hazardous waste per month.

A review of this list indicated one site within a  $\frac{1}{8}$ -mile radius from the subject property. The site is Indiana Department of Environmental Management located at 21<sup>st</sup> & Hobart, adjacent northwest property (J-Pit). This site is a Transporter and a Conditionally Exempt Small Quantity Generator.

No RCRA violations were identified for this site.

This site was observed on the day of the site inspection. Ten acres of the eastern portion of the J-Pit is used to house a leachate collection system for the Gary Sanitary Landfill. There is a low potential for this site to have an adverse environmental impact on the subject property, in the event of a release.

### **3.5 EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)**

The ERNS contains information on specific notification of releases of oil and hazardous substances into the environment.

A review of this list indicated one site within a 1/8-mile radius of the subject property. The site is located at 15<sup>th</sup> Avenue/Colfax Avenue/21<sup>st</sup> Avenue, northwest adjacent (J-Pit) to the subject property. On April 18, 1994, a caller reported that Waste Management had pumped unidentified materials from "the pit" into ditches which lead to the Little Calumet River. Reportedly, the responsible party does not have a permit for such disposal.

This site is the northwest adjacent property to the subject property (J-Pit); therefore, there is the potential that this incident has had an adverse environmental impact on the subject property.

### **3.6 TOXIC RELEASE INVENTORY (TRI)**

The TRI contains information on facilities that manufacture, process, or import any of the over 300 listed toxic chemicals that are released directly into the air, water or land or are transported off site.

A review of this list revealed one site within a 3/4-mile radius of the subject property. The site is Bivona Inc. located at 5700 W. 23<sup>rd</sup> Avenue, 0.23-mile, east adjacent to the subject property. There was one release of trichloroethane to the land in 1987 and releases of trichloroethane to the air during the period from 1988 through 1992.

Based on the distance of this site from the subject property, there is the potential for this site to have had an environmental impact on the subject property.

### **3.7 CIVIL ENFORCEMENT DOCKET (DOCKET)**

The DOCKET provides information on actions filed by the Department of Justice for the USEPA. This record has been continually updated since 1972 and includes data regarding facility name, dates, laws violated, and penalties assessed.

A review of this list revealed four incidents at two sites located within the area vicinity of the subject property. These sites are:

- Midco I (Midwest Solvent Recovery Company), a 4-acre parcel located at 7400 W. 15<sup>th</sup> Avenue. The closest portion of this site is located approximately 1.11-mile west-northwest of the subject property. Two incidents were reported, one incident for the violation of CERCLA Sections 106 and 107 and the other incident for a violation of CERCLA Section 122E3B.
- 9th Avenue Dump, a 20-acre parcel located at 7357 W. 9th Avenue. The closest portion of this site is located approximately 1.15-mile northwest of the subject property. Two incidents were reported, one incident for a violation of CERCLA Section 107A and one incident for the violation of CERCLA Section 107 and RCRA Section 7003.

Based on the distance of these sites from the subject property, it is unlikely that these sites have had an environmental impact on the subject property.

### **3.8 INDIANA STATE CLEANUP LIST (SCL)**

SCL includes sites with suspected contamination that are scheduled for cleanup by the State of Indiana.

A review of this list revealed three sites within the area vicinity, one site within  $\frac{3}{4}$ -mile and one additional site within  $1\frac{1}{4}$ -mile of the subject property. Two listings are for one site within  $1\frac{1}{4}$ -mile radius, one site within  $\frac{3}{4}$ -mile, one site within one-mile radius and one additional site approximately  $\frac{1}{2}$ -mile radius of the subject site. The sites within the area vicinity are:

- Roehl Transport, W. 15<sup>th</sup> Street, 0.8-mile north-northwest of the subject property. This site is a voluntary cleanup site.
- Black Oak Drums (Gary Drums), address not listed, 0.64-mile northwest of the subject property. Immediate removal from this site has been completed. This site is also identified on the CERCLA-Active database.
- Midco I (Midwest Solvent Recovery Company), a 4-acre parcel located at 7400 W. 15<sup>th</sup> Avenue. The closest portion of this site is located approximately 1.11-mile west-northwest of the subject property. Two incidents were identified on this site, both were for Superfund sites. This site is also identified on the NPL and DOCKET databases.

Based on the distance of these sites from the subject property, it is not likely these sites have had or would have an adverse environmental impact on the subject property.

### **3.9 INDIANA PERMITTED SOLID WASTE FACILITIES (SWF)**

The SWF database lists sites that are regulated for solid waste disposal by the State of Indiana.

A review of this list revealed one site within a  $1\frac{1}{4}$ -mile radius of the subject site. This site is Waste Management of Northwest Indiana Recycling Facility located at 7337 W. 15<sup>th</sup> Avenue, approximately 1.02-mile west-northwest of the subject property. This facility is described as a private transfer station and their permit expires on May 1, 2002.

Based on the distance of this site from the subject property, it is not likely that this site would have an adverse environmental impact on the subject property, in the event of a release.

### **3.10 INDIANA LEAKING UNDERGROUND STORAGE TANK (LUST) LIST**

The LUST list provides the location of known or suspected releases from USTs.

A review of this list indicated ten incidents at four sites within a  $\frac{3}{4}$ -mile radius of the subject property. These sites are:

- The closet site is Pilot Corp #271, 2501 Burr Street, 0.56-mile southeast. Two incidents were reported for this site, one 1995 and one in 2000. Both incidents are open.



- TA Operating Corp, Truckstops of America, 2510 Burr Street, Griffith, IN, 0.56-mile southeast. Five incidents were reported for this site between 1987 and 1998. Three of the incidents are active and two are discontinued. Ground water was impacted at this site.
- Amoco SS 19754, 2567 Burr Street, 0.61-mile southeast. This site is active. Ground water was impacted at this site.
- Shell Oil 5390 W. 15<sup>th</sup> Avenue, 0.71-mile northeast. Two incidents were reported for this site in 1987 and 1999. Ground water was impacted in the 1999 incident, which is still active.

Based on the active status and the upgradient position of the Pilot Corp, Tuckstops of America and Amoco SS19754 sites from the subject property, these sites have a potential to impact the subject property.

### **3.11 UNMAPPABLE SITES**

There was one site with an incomplete address that could not be mapped. The site is Marquette Pklg Nrd, address not reported, in Gary, Indiana. The site is an SCL site.

Depending on the location of this site, this site may have the potential to have an adverse environmental impact on the subject property.

## **4.0 PROPERTY RECONNAISSANCE**

Ms. Dionne L. Carey, Environmental Scientist, and Ms. Elaine Petkovsek, Professional Engineer, from EDI, conducted the property reconnaissance on February 16, 2001 at approximately 2:00 p.m. Ms. Carey and Ms. Petkovsek were not accompanied during the property reconnaissance. The weather at the time of the site walk was cloudy and the temperature was approximately 30° Fahrenheit. Photographs taken during the site reconnaissance are attached in Appendix F.

### **4.1 VISUAL DESCRIPTION**

The subject property is located south of the close Gary Sanitary Landfill and its shape is irregular. The property is bordered by Colfax St., 22<sup>nd</sup> Avenue and Hamlin St. on the west, 23<sup>rd</sup> Avenue on the south, Calhoun St. on the east and Gary Sanitary Landfill on the north. The site is located in Gary, Indiana.

### **4.2 SURFACE CHARACTERISTICS**

The surface area of the subject property is covered with dense shrubs, trees and some cattails. The Gary Sanitary Lanfill extends along the northern border. Twenty-third Avenue extends along the southern border. Calhoun Street extends along the eastern border. Colfax Street extends along the eastern border. A sandy road extends along the western border.

At the time of the on-site assessment, stressed vegetation and scattered and piles of debris were observed on the subject property. No other hazardous materials, railroad tracks, abandoned wells, sink holes, spilled chemicals, pits, ponds, lagoons, or wastewater discharge was observed on the surfaces of the subject property.

### **4.3 BUSINESS OPERATIONS**

Ninety percent of the subject property is vacant. The other ten percent has a structure with a parking area located to the west.

### **4.4 ON-SITE STRUCTURES**

A building was observed near the south end of the subject property near King Street. The building was not included in the environmental assessment for the subject property.

### **4.5 MATERIALS HANDLING, STORAGE AND WASTE DISPOSAL PRACTICES**

Used and shredded tires, and general waste rubbish were observed throughout the subject property. No other materials handling, storage, or waste disposal practices of environmental concern were observed on the subject property.

#### **4.6 POTENTIAL ON-SITE RECOGNIZED ENVIRONMENTAL CONDITIONS**

The walk-through included a visual inspection of the potential presence of the following recognized environmental conditions.

##### **4.6.1 Underground and Above Ground Storage Tanks**

No evidence of USTs or ASTs was observed on the subject property. The subject property was not identified on the UST or LUST databases.

##### **4.6.2 Polychlorinated Biphenyls**

PCBs are controlled by the Toxic Substance Control Act (TSCA) of 1980. TSCA regulates the manufacture of materials that are considered toxic and potentially harmful to human health and the environment. PCBs were used in older transformer and switchgear fluids as an electrical insulator. PCBs may also be found in recycled oil and older electrical equipment.

One pole-mounted transformer was observed on the south end of the subject property. No other suspect PCB-containing equipment or materials were observed on the subject property.

##### **4.6.3 Sumps and Storm Sewers**

No sumps, or storm sewers were observed on the subject property.

##### **4.6.4 Wetlands**

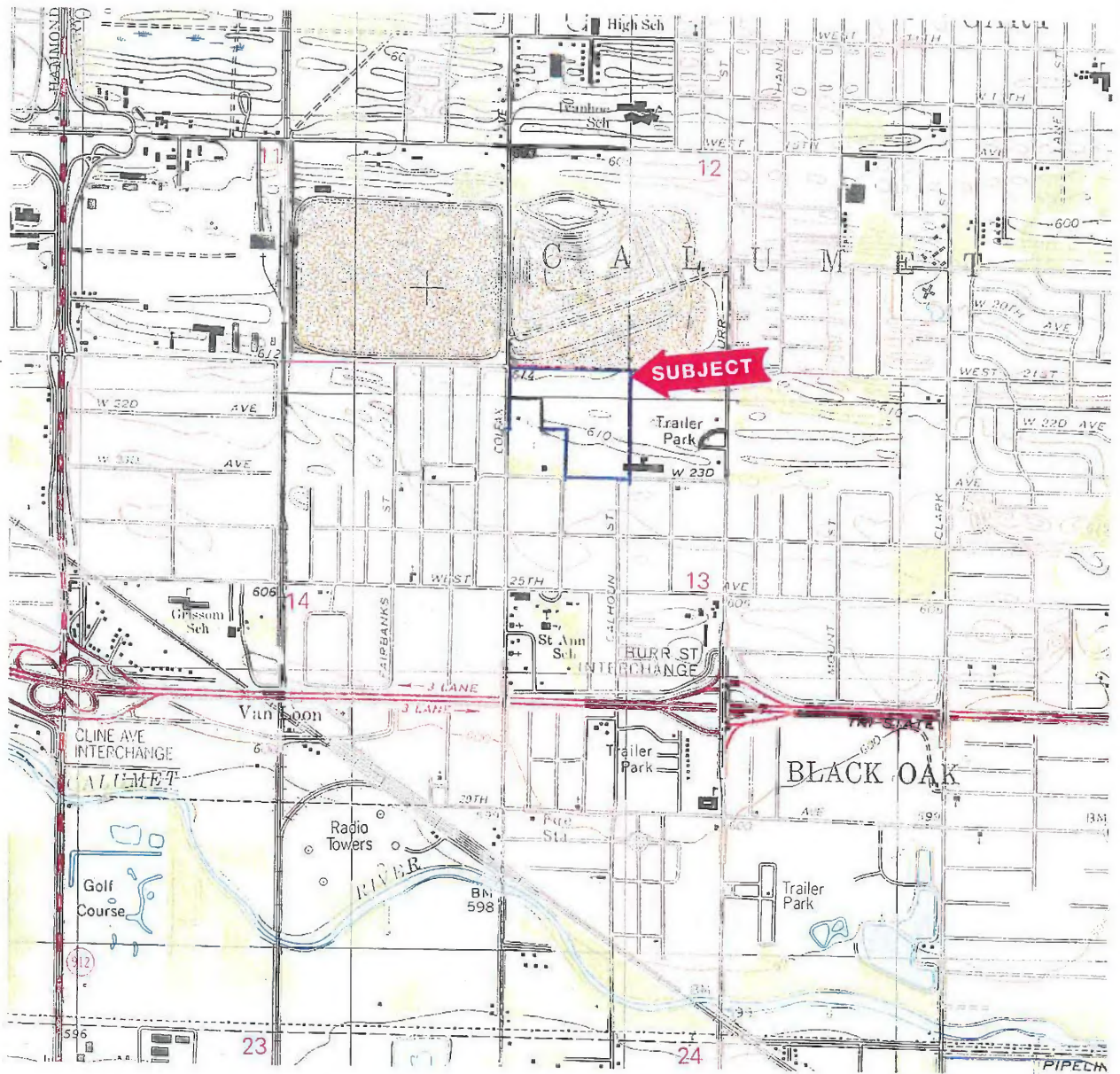
Cattails were observed near the southeast end of the subject property. No other evidence of wetlands was observed in this area on the day of the site inspection. This investigation, however, does not represent a wetland delineation.

#### **4.7 ADJACENT LAND USE**

*North:* Closed Gary Sanitary Landfill.  
*Northwest:* J-Pit (former sand mine and Landfill).  
*South:* 23<sup>rd</sup> Street then single family dwellings.  
*East:* Calhoun St. then Bivona Medical (Toxic Release Inventory Site).  
*West:* OK Auto Sales, 2201 Colfax Street (active junkyard).

## 5.0 REFERENCES

- EcoSearch Environmental Resources, Inc., Government Records Search, Priority Risk Report dated January 23, 2001, Report ID: 2360-5602.
- Interview with Mr. George Kolettis, Dept. of Environmental Affairs, City of Gary, Indiana.
- Interview with Ms. Dorreen Carey, Dept. of Environmental Affairs, City of Gary, Indiana.
- Interview with Ms. Mary Mulligan, Brownfields Specialist, City of Gary, Indiana
- Interview with Ms. Marge Elea, Pres., of Black Oak Redevelopment.
- Lake County Surveyor, aerial photograph dated 1978, Lake County Government Center, Crown Point, IN.
- U.S. Geological Survey, Highland, Indiana, 7.5-minute quadrangle map dated 1991.
- Vistainfo, San Diego, California, NEPA Screen dated February 8, 2001, Project Name/Reference # Section 3, Colfax, Gary, IN, 41.578819, -87.410701.
- Vistainfo, San Diego, California, Sanborn Map Report, Report ID: 2360-5601.
- 1960 Polk's City Directory, Gary, Lake County, Indiana
- 1963 Polk's City Directory, Gary, Lake County, Indiana
- 1966 Polk's City Directory, Gary, Lake County, Indiana
- 1969 Polk's City Directory, Gary, Lake County, Indiana
- 1972 Polk's City Directory, Gary, Lake County, Indiana
- 1974-5 Polk's City Directory, Gary, Lake County, Indiana
- 1977 Haines Criss-Cross Directory, Gary, Lake County, Indiana
- 1980 Haines Criss-Cross Directory, Gary, Lake County, Indiana
- 1985 Haines Criss-Cross Directory, Gary, Lake County, Indiana
- 1990 Haines Criss-Cross Directory, Gary, Lake County, Indiana
- 1995 Haines Criss-Cross Directory, Gary, Lake County, Indiana
- 1999 Haines Criss-Cross Directory, Gary, Lake County, Indiana



↑  
N

Scale 1 : 24,000

PROJECT NO: 1216.001.03

SITE LOCATION AND  
TOPOGRAPHIC MAP FROM  
U.S. GEOLOGICAL SURVEY  
HIGHLAND, INDIANA 1991

Project: Section 3 J-Pit Redevelopment  
Gary, Indiana

DATE: 4/23/01



Environmental Design International Inc.  
200 S. Michigan Avenue, Suite 700  
Chicago, IL 60604 Phone (312) 356-5400

Figure I






Drawn By DLC

Checked By



# Ground Water Elevations in the Calumet Aquifer During March 1993 and October 1994

Map Compiled on September 21, 1998  
by  
Gregory J. Overtoom  
IDEM Solid Waste Geology

-  Ground Water Divide
-  Ground Water Elevation
-  Gary Municipal Landfill
-  Major Road
-  Surface Water

Ground Water Elevations Shown in  
Feet Above Mean Sea Level (M.S.L.)

Location of ground and surface water  
divide is estimated based upon ground  
water elevations.



0.6 0 0.6 Miles



Ground Water Elevation, March, 1993



Ground Water Elevation, October 1994

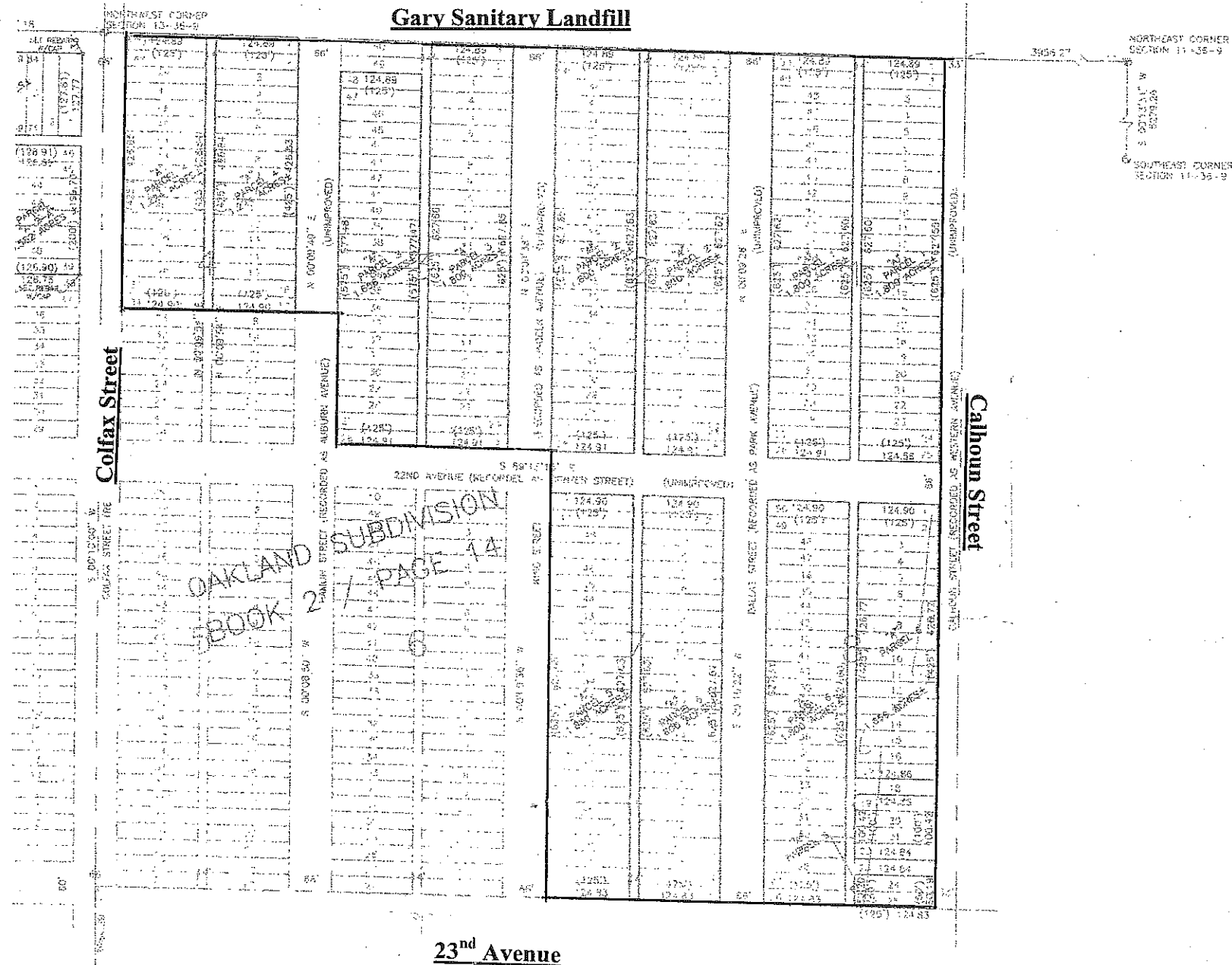


Figure 2

## **APPENDICES**

**APPENDIX A: MAP SHOWING THE SUBJECT PROPERTY**





25-1029-1-25-2

**TRAINING**

030323Z

## **APPENDIX B: SANDBORN MAP REPORT**

**EcoSearch Historical Fire Insurance Map Collection**  
**Search Results from VISTAinfo**

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Site:

**Section 3**  
**Gary, IN**

Status:

**No historic map coverage is available for this site in the ERIIS Historic Map Collection for the period covering the years 1867 - 1994.**

The VISTAinfo Historic Map Collection is the largest and most extensive private collection of prior-use maps in the United States, thereby affording the greatest degree of historic due diligence. VISTAinfo's inventory includes images from the following publishers:

- \* Bracy
- \* Bromley
- \* Dakin
- \* Hexamer
- \* Hopkins
- \* Manufacturers Mutual Fire Insurance Maps
- \* Nirenstein Real Estate Atlases
- \* Sanborn Fire Insurance Map Collections
- \* Scarlett and Scarlett
- \* Rascher
- \* William G. Baist

## **APPENDIX C: AERIAL PHOTOGRAPH**



2/51

~~AVE~~

22nd				23rd				24th				25th				26th				27th				28th				29th				30th				31st			
1-001	1-002	1-003	1-004	1-005	1-006	1-007	1-008	1-009	1-010	1-011	1-012	1-013	1-014	1-015	1-016	1-017	1-018	1-019	1-020	1-021	1-022	1-023	1-024	1-025	1-026	1-027	1-028	1-029	1-030	1-031	1-032	1-033	1-034	1-035	1-036	1-037	1-038	1-039	1-040
1-041	1-042	1-043	1-044	1-045	1-046	1-047	1-048	1-049	1-050	1-051	1-052	1-053	1-054	1-055	1-056	1-057	1-058	1-059	1-060	1-061	1-062	1-063	1-064	1-065	1-066	1-067	1-068	1-069	1-070	1-071	1-072	1-073	1-074	1-075	1-076	1-077	1-078	1-079	1-080
1-081	1-082	1-083	1-084	1-085	1-086	1-087	1-088	1-089	1-090	1-091	1-092	1-093	1-094	1-095	1-096	1-097	1-098	1-099	1-100	1-101	1-102	1-103	1-104	1-105	1-106	1-107	1-108	1-109	1-110	1-111	1-112	1-113	1-114	1-115	1-116	1-117	1-118	1-119	1-120
1-121	1-122	1-123	1-124	1-125	1-126	1-127	1-128	1-129	1-130	1-131	1-132	1-133	1-134	1-135	1-136	1-137	1-138	1-139	1-140	1-141	1-142	1-143	1-144	1-145	1-146	1-147	1-148	1-149	1-150	1-151	1-152	1-153	1-154	1-155	1-156	1-157	1-158	1-159	1-160
1-161	1-162	1-163	1-164	1-165	1-166	1-167	1-168	1-169	1-170	1-171	1-172	1-173	1-174	1-175	1-176	1-177	1-178	1-179	1-180	1-181	1-182	1-183	1-184	1-185	1-186	1-187	1-188	1-189	1-190	1-191	1-192	1-193	1-194	1-195	1-196	1-197	1-198	1-199	1-200
1-201	1-202	1-203	1-204	1-205	1-206	1-207	1-208	1-209	1-210	1-211	1-212	1-213	1-214	1-215	1-216	1-217	1-218	1-219	1-220	1-221	1-222	1-223	1-224	1-225	1-226	1-227	1-228	1-229	1-230	1-231	1-232	1-233	1-234	1-235	1-236	1-237	1-238	1-239	1-240
1-241	1-242	1-243	1-244	1-245	1-246	1-247	1-248	1-249	1-250	1-251	1-252	1-253	1-254	1-255	1-256	1-257	1-258	1-259	1-260	1-261	1-262	1-263	1-264	1-265	1-266	1-267	1-268	1-269	1-270	1-271	1-272	1-273	1-274	1-275	1-276	1-277	1-278	1-279	1-280
1-281	1-282	1-283	1-284	1-285	1-286	1-287	1-288	1-289	1-290	1-291	1-292	1-293	1-294	1-295	1-296	1-297	1-298	1-299	1-300	1-301	1-302	1-303	1-304	1-305	1-306	1-307	1-308	1-309	1-310	1-311	1-312	1-313	1-314	1-315	1-316	1-317	1-318	1-319	1-320
1-321	1-322	1-323	1-324	1-325	1-326	1-327	1-328	1-329	1-330	1-331	1-332	1-333	1-334	1-335	1-336	1-337	1-338	1-339	1-340	1-341	1-342	1-343	1-344	1-345	1-346	1-347	1-348	1-349	1-350	1-351	1-352	1-353	1-354	1-355	1-356	1-357	1-358	1-359	1-360
1-361	1-362	1-363	1-364	1-365	1-366	1-367	1-368	1-369	1-370	1-371	1-372	1-373	1-374	1-375	1-376	1-377	1-378	1-379	1-380	1-381	1-382	1-383	1-384	1-385	1-386	1-387	1-388	1-389	1-390	1-391	1-392	1-393	1-394	1-395	1-396	1-397	1-398	1-399	1-400
1-401	1-402	1-403	1-404	1-405	1-406	1-407	1-408	1-409	1-410	1-411	1-412	1-413	1-414	1-415	1-416	1-417	1-418	1-419	1-420	1-421	1-422	1-423	1-424	1-425	1-426	1-427	1-428	1-429	1-430	1-431	1-432	1-433	1-434	1-435	1-436	1-437	1-438	1-439	1-440
1-441	1-442	1-443	1-444	1-445	1-446	1-447	1-448	1-449	1-450	1-451	1-452	1-453	1-454	1-455	1-456	1-457	1-458	1-459	1-460	1-461	1-462	1-463	1-464	1-465	1-466	1-467	1-468	1-469	1-470	1-471	1-472	1-473	1-474	1-475	1-476	1-477	1-478	1-479	1-480
1-481	1-482	1-483	1-484	1-485	1-486	1-487	1-488	1-489	1-490	1-491	1-492	1-493	1-494	1-495	1-496	1-497	1-498	1-499	1-500	1-501	1-502	1-503	1-504	1-505	1-506	1-507	1-508	1-509	1-510	1-511	1-512	1-513	1-514	1-515	1-516	1-517	1-518	1-519	1-520
1-521	1-522	1-523	1-524	1-525	1-526	1-527	1-528	1-529	1-530	1-531	1-532	1-533	1-534	1-535	1-536	1-537	1-538	1-539	1-540	1-541	1-542	1-543	1-544	1-545	1-546	1-547	1-548	1-549	1-550	1-551	1-552	1-553	1-554	1-555	1-556	1-557	1-558	1-559	1-560
1-561	1-562	1-563	1-564	1-565	1-566	1-567	1-568	1-569	1-570	1-571	1-572	1-573	1-574	1-575	1-576	1-577	1-578	1-579	1-580	1-581	1-582	1-583	1-584	1-585	1-586	1-587	1-588	1-589	1-590	1-591	1-592	1-593	1-594	1-595	1-596	1-597	1-598	1-599	1-600
1-601	1-602	1-603	1-604	1-605	1-606	1-607	1-608	1-609	1-610	1-611	1-612	1-613	1-614	1-615	1-616	1-617	1-618	1-619	1-620	1-621	1-622	1-623	1-624	1-625	1-626	1-627	1-628	1-629	1-630	1-631	1-632	1-633	1-634	1-635	1-636	1-637	1-638	1-639	1-640
1-641	1-642	1-643	1-644	1-645	1-646	1-647	1-648	1-649	1-650	1-651	1-652	1-653	1-654	1-655	1-656	1-657	1-658	1-659	1-660	1-661	1-662	1-663	1-664	1-665	1-666	1-667	1-668	1-669	1-670	1-671	1-672	1-673	1-674	1-675	1-676	1-677	1-678	1-679	1-680
1-681	1-682	1-683	1-684	1-685	1-686	1-687	1-688	1-689	1-690	1-691	1-692	1-693	1-694	1-695	1-696	1-697	1-698	1-699	1-700	1-701	1-702	1-703	1-704	1-705	1-706	1-707	1-708	1-709	1-710	1-711	1-712	1-713	1-714	1-715	1-716	1-717	1-718	1-719	1-720
1-721	1-722	1-723	1-724	1-725	1-726	1-727	1-728	1-729	1-730	1-731	1-732	1-733	1-734	1-735	1-736	1-737	1-738	1-739	1-740	1-741	1-742	1-743	1-744	1-745	1-746	1-747	1-748	1-749	1-750	1-751	1-752	1-753	1-754	1-755	1-756	1-757	1-758	1-759	1-760
1-761	1-762	1-763	1-764	1-765	1-766	1-767	1-768	1-769	1-770	1-771	1-772	1-773	1-774	1-775	1-776	1-777	1-778	1-779	1-780	1-781	1-782	1-783	1-784	1-785	1-786	1-787	1-788	1-789	1-790	1-791	1-792	1-793	1-794	1-795	1-796	1-797	1-798	1-799	1-800
1-801	1-802	1-803	1-804	1-805	1-806	1-807	1-808	1-809	1-810	1-811	1-812	1-813	1-814	1-815	1-816	1-817	1-818	1-819	1-820	1-821	1-822	1-823	1-824	1-825	1-826	1-827	1-828	1-829	1-830	1-831	1-832	1-833	1-834	1-835	1-836	1-837	1-838	1-839	1-840
1-841	1-842	1-843	1-844	1-845	1-846	1-847	1-848	1-849	1-850	1-851	1-852	1-853	1-854	1-855	1-856	1-857	1-858	1-859	1-860	1-861	1-862	1-863	1-864	1-865	1-866	1-867	1-868	1-869	1-870	1-871	1-872	1-873	1-874	1-875	1-876	1-877	1-878	1-879	1-880
1-881	1-882	1-883	1-884	1-885	1-886	1-887	1-888	1-889	1-890	1-891	1-892	1-893	1-894	1-895	1-896	1-897	1-898	1-899	1-900	1-901	1-902	1-903	1-904	1-905	1-906	1-907	1-908	1-909	1-910	1-911	1-912	1-913	1-914	1-915	1-916	1-917	1-918	1-919	1-920
1-921	1-922	1-923	1-924	1-925	1-926	1-927	1-928	1-929	1-930	1-931	1-932	1-933	1-934	1-935	1-936	1-937	1-938	1-939	1-940	1-941	1-942	1-943	1-944	1-945	1-946	1-947	1-948	1-949	1-950	1-951	1-952	1-953	1-954	1-955	1-956	1-957	1-958	1-959	1-960
1-961	1-962	1-963	1-964	1-965	1-966	1-967	1-968	1-969	1-970	1-971	1-972	1-973	1-974	1-975	1-976	1-977	1-978	1-979	1-980	1-981	1-982	1-983	1-984	1-985	1-986	1-987	1-988	1-989	1-990	1-991	1-992	1-993	1-994	1-995	1-996	1-997	1-998	1-999	2-000
2-001	2-002	2-003	2-004	2-005	2-006	2-007	2-008	2-009	2-010	2-011	2-012	2-013	2-014	2-015	2-016	2-017	2-018	2-019	2-020	2-021	2-022	2-023	2-024	2-025	2-026	2-027	2-028	2-029	2-030	2-031	2-032	2-033	2-034	2-035	2-036	2-037	2-038	2-039	2-040
2-041	2-042	2-043	2-044	2-045	2-046	2-047	2-048	2-049	2-050	2-051	2-052	2-053	2-054	2-055	2-056	2-057	2-058	2-059	2-060	2-061	2-062	2-063	2-064	2-065	2-066	2-067	2-068	2-069	2-070	2-071	2-072	2-073	2-074	2-075	2-076	2-077	2-078	2-079	2-080
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2-121	2-122	2-123	2-124	2-125	2-126	2-127	2-128	2-129	2-130	2-131	2-132	2-133	2-134	2-135	2-136	2-137	2-138	2-139	2-140	2-141	2-142	2-143	2-144	2-145	2-146	2-147	2-148	2-149	2-150	2-151	2-152	2-153	2-154	2-155	2-156	2-157	2-158	2-159	2-160
2-161	2-162	2-163	2-164	2-165	2-166	2-167	2-168	2-169	2-170	2-171	2-172	2-173	2-174	2-175	2-176	2-177	2-178	2-179	2-180	2-181	2-182	2-183	2-184	2-185	2-186	2-187	2-188	2-189	2-190	2-191	2-192	2-193	2-194	2-195	2-196	2-197	2-198	2-199	2-200
2-201	2-202	2-203	2-204	2-205	2-206	2-207	2-208	2-209	2-210	2-211	2-212	2-213	2-214	2-21																									



**APPENDIX D: NATIONAL ENVIRONMENTAL PROTECTION  
ACT REPORT**



## NEPAScreen™

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref#: SECTION 3 COLFAX GARY IN 41.578819, -87.410701	VARDON JENNIFER ENVIRONMENTAL DESIGN INTERNATIONAL 200 S. MICHIGAN AVE, STE 700 CHICAGO IL 60604

Element Occurrence Summary			Occurrences	
	Layers Searched	Search Radius	Radius	Site
WA	National Park Service Lands	1.00 mile(s)	-	-
WA	National Forest Service Lands	1.00 mile(s)	-	-
WA	National Parkways and Scenic Rivers	1.00 mile(s)	-	-
WA	Bureau of Land Management Wilderness Areas	1.00 mile(s)	-	-
WA	State Parks and Forests	1.00 mile(s)	-	-
WR	US Fish and Wildlife Service National Wildlife Refuges	1.00 mile(s)	-	-
HP	National Register of Historic Places	0.50 mile(s)	-	-
NA	Areas of Native American Significance	1.00 mile(s)	-	-
FP	Floodplain Areas - <i>Digital data available</i>	0.50 mile(s)	-	-
WI	National Wetland Inventory Areas - <i>Digital data available</i>	0.50 mile(s)	X	-

A radius occurrence is where the given subject element is found within the Search Radius of the specified site. A positive site occurrence is where the given subject element is found within 1/8 mile of the specified site.

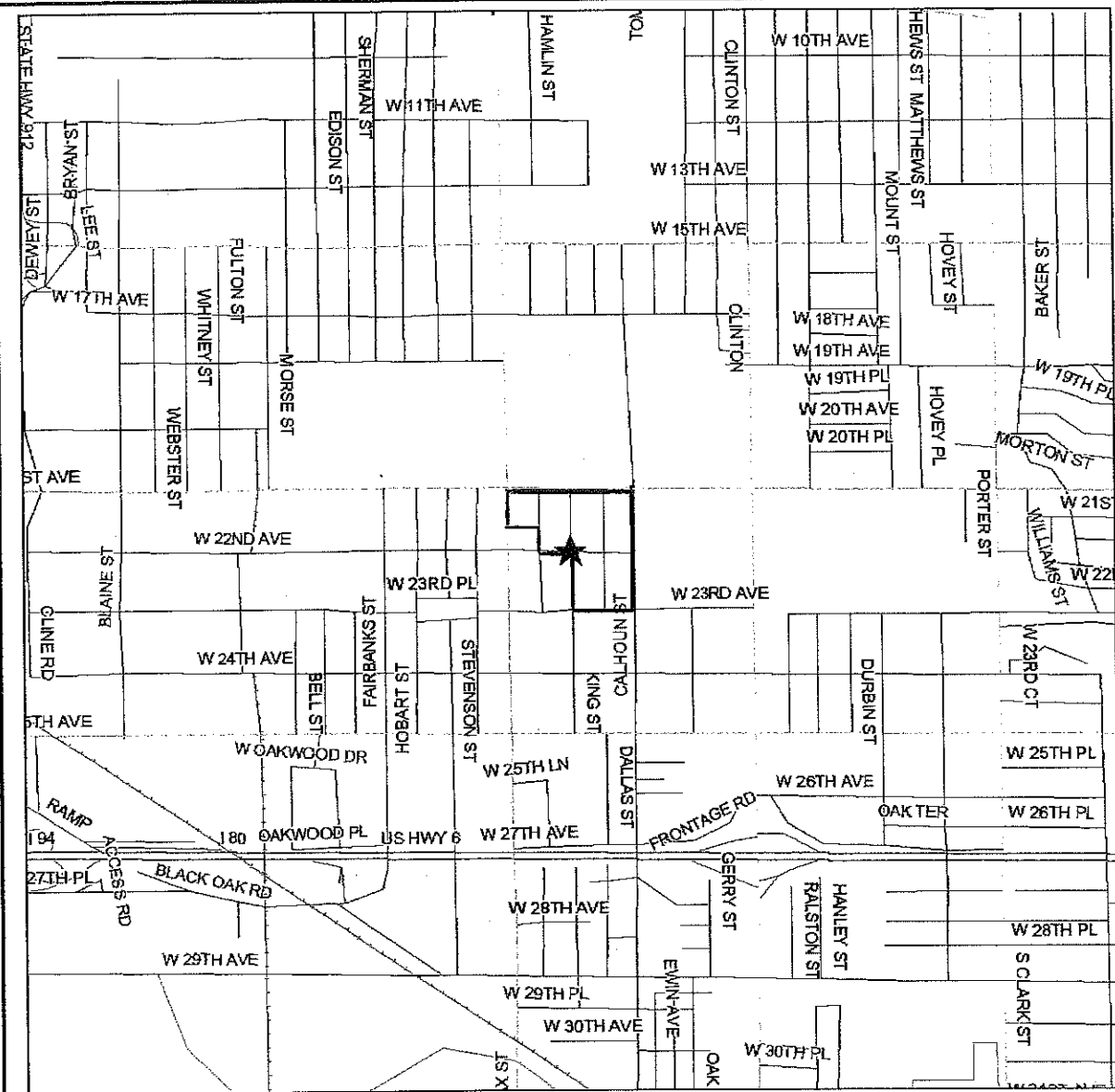
WA = Wilderness Area; WR = Wildlife Refuge; ES = Threatened and Endangered Species; HP = Historic Place; FP = Floodplain Area; WI = Wetland Inventory Area; NA = Native American Area

ND = Not Digital: Determination of radius and site element occurrences subject to client review of provided hardcopy map(s).  
NP = Not Published: Quad has not been inventoried, no review is possible.

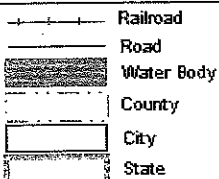
### LIMITATION OF LIABILITY

This Checklist provides publicly available data that is compiled to comply in part with NEPA standards. Depending on the project, review of additional state and local resources may be required to fully comply with some NEPA standards. Customer proceeds at its own risk in choosing to rely on VISTA services, in whole or in part, prior to proceeding with any transaction. VISTA cannot be an insurer of the accuracy of the information, errors occurring in conversion of data, or for customer's use of data. VISTA and its affiliated companies, officers, agents, employees and independent contractors cannot be held liable for accuracy, storage, delivery, loss or expense suffered by customer resulting directly or indirectly from any information provided by VISTA.

## STREET MAP



**Subject Site**








## NEPAScreen™

NATIONAL REGISTER OF HISTORIC PLACES - UNMAPPABLE OR RESTRICTED SITES

**SITES THAT ARE NOT MAPPED DUE TO RESTRICTED OR INCOMPLETE ADDRESSES**  
(List is for all counties within search radius)

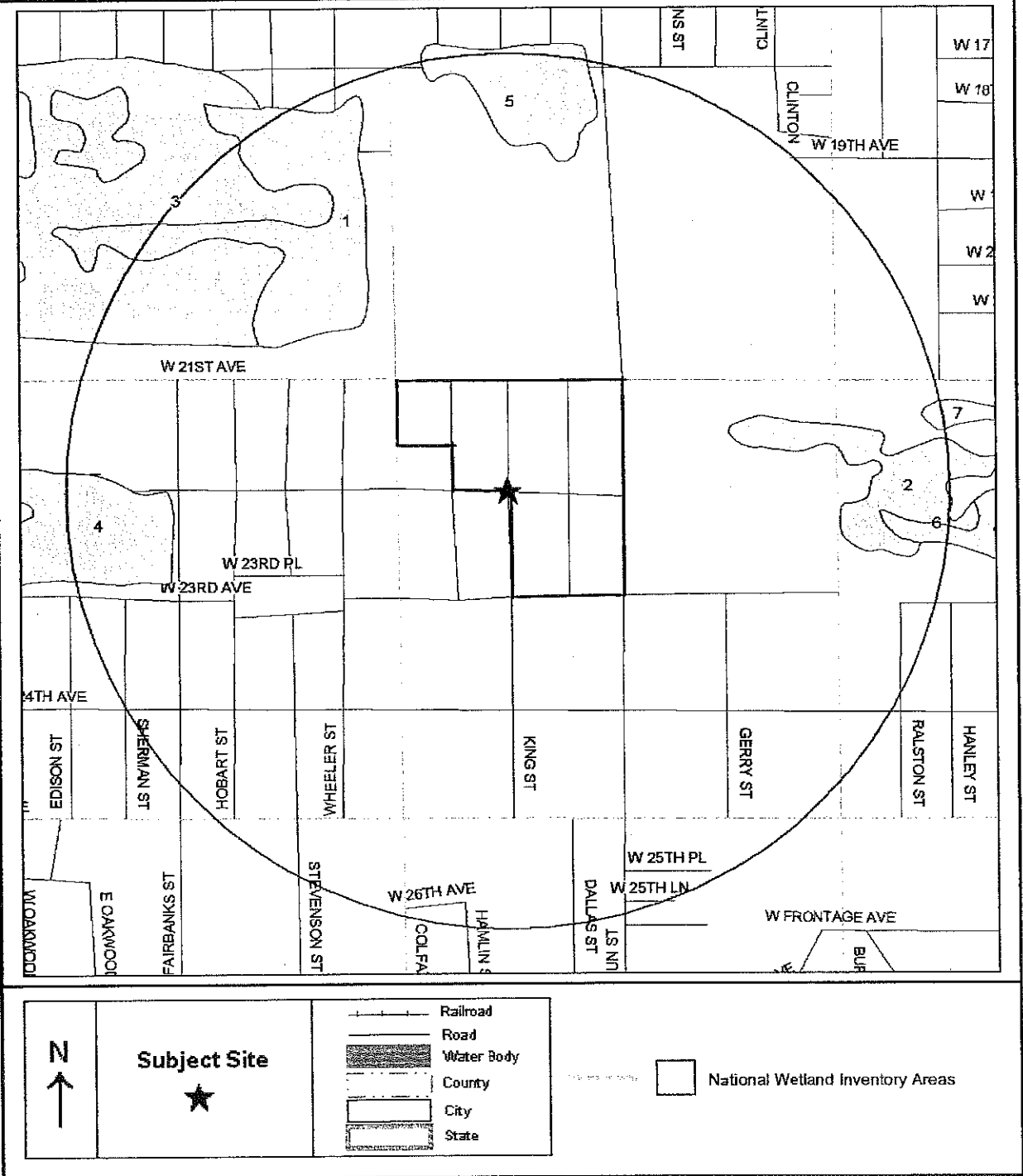
Reference #	Name	Address	City, State	County
99001157	State Street Commercial Historic District	Roughly State St., bet. Sohl and Bulletin Ave.	Hammond, IN	Lake
99001107	Whitaker, William, Landscape and House	472 S. Main	Crown Point, IN	Lake
99001112	First Unitarian Church of Hobart	497 Main St.	Hobart, IN	Lake


	<b>NEPAScreen™</b>
	<b>FLOODPLAIN AREAS - PANEL REFERENCE</b>

<b>Element Information:</b>	Panel Number: 1801320019C
<b>Panel Reference</b>	

<b>Element Information:</b>	Panel Number: 1801320018C
<b>Panel Reference</b>	

**NATIONAL WETLAND INVENTORY AREAS**



	<h1>NEPAScreen™</h1> <h2>NATIONAL WETLAND INVENTORY AREAS - DETAILS</h2>
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Element Information:	PUBFX [P] Palustrine, [UB] Unconsolidated Bottom, [F] Semipermanently Flooded, [x] Excavated	Map ID  <b>1</b>
<b>National Wetland Inventory Areas</b>		
Area: 93900.63 square meters		

Element Information:	PEMC [P] Palustrine, [EM] Emergent, [C] Seasonally Flooded	Map ID  <b>2</b>
<b>National Wetland Inventory Areas</b>		
Area: 47975.76 square meters		

Element Information:	PEMCX [P] Palustrine, [EM] Emergent, [C] Seasonally Flooded, [x] Excavated	Map ID  <b>3</b>
<b>National Wetland Inventory Areas</b>		
Area: 230026.46 square meters		

Element Information:	PEMC [P] Palustrine, [EM] Emergent, [C] Seasonally Flooded	Map ID  <b>4</b>
<b>National Wetland Inventory Areas</b>		
Area: 76886.30 square meters		

Element Information:	PUBHX [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated	Map ID  <b>5</b>
<b>National Wetland Inventory Areas</b>		
Area: 42269.52 square meters		

Element	PEMF	Map ID
---------	------	--------

Information:	[P] Palustrine, [EM] Emergent, [f] Farmed	6
<b>National Wetland Inventory Areas</b>		
Area:	53235.55 square meters	

Element Information:	PEMC [P] Palustrine, [EM] Emergent, [C] Seasonally Flooded	Map ID  7
<b>National Wetland Inventory Areas</b>		
Area:	13970.55 square meters	

	<b>NEPAScreen™</b>
	<b>NATIONAL WETLAND INVENTORY AREAS - QUAD REFERENCE</b>

Element Information:	Quad Name: Highland
<b>Quad Reference</b>	
Map Reference Code:	41087-E4
Photo Date:	11/1/81
Status:	FINAL
Scale:	1:24K

# NEPAScreen™

## OTHER RELEVANT ITEMS

### NEPA Elements Not Addressed in this Checklist

#### FEDERAL

1	Native American Religious Site Information	May be requested from:  Frank Keel Eastern Area Office Bureau of Indian Affairs 3701 North Fairfax Drive, MS 260 VA SQ Arlington, VA 22203 Phone: (703) 235-2571 Fax: (703) 235-8610
2	Endangered Species Information	May be requested from:  Field Supervisor U.S. Fish and Wildlife Service 620 South Walker Street Bloomington, IN 47403-2121 Phone: (812) 334-4261 Fax: (812) 334-4273

#### STATE

3	State Historic Preservation Office	May be requested from:  State Historic Preservation Officer Department of Natural Resources 402 West Washington Street, Room W 274 Indianapolis, Indiana 46204  Phone: (317) 232-4020 E-mail: dhpa_at_dnrln@ina.isd.state.in.us
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# NEPAScreen™

## ELEMENTS REVIEWED

### **National Park Service Lands**

Source: United States Geological Survey Federal Lands, National Atlas of the United States  
521 National Center  
Reston, VA 20192  
Phone: (703) 648-4528

This data portrays lands Federally Administered by the National Park Service. This data includes National Historic Landmarks and National Parks. Data was obtained from the USGS and further enhanced by VistaInfo.

### **National Forest Service Lands**

Source: United States Geological Survey Federal Lands, National Atlas of the United States  
521 National Center  
Reston, VA 20192  
Phone: (703) 648-4528

This data portrays lands Federally Administered by the National Forest Service. Data was obtained from the USGS and further enhanced by VistaInfo.

### **National Parkways and Scenic Rivers**

Source: United States Geological Survey, National Atlas of the United States  
521 National Center  
Reston, VA 20192  
Phone: (703) 648-4528

This map layer portrays the locations of federally administered parkways and wild and scenic rivers. Data was obtained from the USGS and further enhanced by VistaInfo.

### **Bureau of Land Management Wilderness Areas**

Source: United States Geological Survey, National Atlas of the United States  
521 National Center  
Reston, VA 20192  
Phone: (703) 648-4528

This map layer portrays the locations of federally administered Bureau of Land Management Wilderness Areas. Data was obtained from the USGS and further enhanced by VistaInfo.

### **National Wildlife Refuges**

Source: United States Fish and Wildlife Service  
Division of Realty  
1849 C St., NW  
Washington, DC 20240-0001  
(703) 358-2414

This map layer portrays the locations of National Wildlife Refuges as administered by the United States Fish and Wildlife Service. This database was obtained from the USF&WS and each site was mapped using existing government GIS data and external map resources.

### **State Wilderness Areas**

Source: VistaInfo, Inc.  
GIS Research Center  
67 North Main Street  
Essex, CT 06426  
(860) 767-2515

This map layer is a representation of state level data that has been incorporated into a nationwide GIS database for the purpose of research and assessment. The data includes, but is not limited to, the locations of known Parks, Forests, Conservation Areas, Gamelands, Wildlife Preserves, Protected Lands, Recreation Areas, Trust Lands, and Wilderness Areas. The specific source for each occurrence is reported within each identified occurrences attribute data. No federal wilderness areas are represented within this database.

### **Areas of Native American Significance**

Source: VistaInfo, Inc.  
GIS Research Center  
67 North Main Street  
Essex, CT 06426  
(860) 767-2515

This map layer is a representation of the various Native American Owned Lands, Reservations and other areas of significance known to Vista. The specific source for each occurrence is reported within each identified occurrences attribute data. This data layer is not meant to comply with NEPA

regulations - it is meant to serve as a preliminary screening tool only. Official State and Federal Native American Offices should always be consulted.

**National Register of Historic Places**

Source: National Park Service, National Register Information System (NRIS)  
P.O. Box 37127  
Washington, DC 20013-7127  
(202) 343-9543

The National Register of Historic Places is the official list of districts, sites, buildings, structures, and objects significant in American History, architecture, archeology, engineering, and culture. National Register properties have significance in the prehistory or history of their community, state, or nation. The NRIS is a database of over 68,000 historic sites listed on, removed from, or pending listing in the National Register. VistaInfo has thoroughly researched and plotted the historic sites listed within the National Register, including sites with restricted locations.

**Floodplain Areas**

Source: Federal Emergency Management Agency, National Flood Insurance Program FIRM and Q3 Flood Data  
Federal Emergency Management Agency  
500 C Street, S.W.  
Washington, DC 20472  
(800) 358-9616

Floodplain data, as defined by the Federal Emergency Management Agency, have been obtained as both paper maps (FIRMs) and Q3 (digital data) maps showing 100 and 500 year floodplains. There have been over 80,000 FIRM maps published by FEMA with over 800 counties currently represented as Q3 digital data.

**National Wetland Inventory Areas**

Source: United States Fish and Wildlife Service - National Wetland Inventory  
USGS/ESIC National Headquarters  
507 National Center  
Reston, VA 22092  
(800) 872-6277

National Wetland Inventory (NWI) 1:24k and 1:25k quadrangle maps and digital data represent wetland locations and classification as defined by the US Fish and Wildlife Service.

End of Report
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**APPENDIX E: ECOSEARCH GOVERNMENT RECORDS SEARCH,  
PRIORITY RISK REPORT**

## **EcoSearch Environmental Resources, Inc.**

9365 Counselors Row Suite 104  
Indianapolis, Indiana 46240  
ph: (317) 574-8830 fax: (317) 574-8840

### **EcoSearch Government Records Search**

<b>Type of Report:</b>	Priority Risk Report
<b>Site Location:</b>	Section 3 Gary, IN 46406
<b>Date:</b>	January 23, 2001
<b>Report ID Number:</b>	2360-5602
<b>Especially Prepared For:</b>	Ms. Jennie Vardon Environmental Design International

#### **Limits of Information:**

Customer proceeds at its own risk in choosing to rely on EcoSearch Environmental Resources, Inc. ("EcoSearch") services, in whole or in part, prior to proceeding with any transaction. EcoSearch cannot be an insurer of the accuracy of the information, errors occurring in the conversion of data, or for customer's use of the data. EcoSearch and its affiliated companies, officers, agents, employees, and independent contractors cannot be held liable for accuracy, storage, delivery, loss, or expense suffered by the customer resulting directly or indirectly from any information provided by EcoSearch Environmental Resources, Inc.

Thank you for choosing EcoSearch.

## Introduction

We want to thank you for your order requesting the enclosed site assessment.

EcoSearch makes every effort possible to combine the most accurate environmental data available into an understandable and easy-to-use format.

While every attempt has been made to ensure accuracy of the information presented, we cannot guarantee the accuracy of the data from the original sources, nor can we guarantee that no transcription or plotting errors have occurred.

If any concerns arise from your review of the databases in this report, please call the appropriate agency involved. As a service, we have included phone numbers in the database description section of this report to help you in your evaluation.

The enclosed maps present a working approximation of the location of surrounding environmental sites based primarily on available accurate site addresses. These maps should not be used for purposes more correctly handled by surveys.

EcoSearch is driven by its mission to present the most responsive, technically sound, and cost-effective environmental data services available to our customer.

## Read Me First

The following suggestions are offered in an attempt to help you in using and understanding this site assessment from EcoSearch:

1. Skim over the entire report to familiarize yourself with its contents and layout.
2. You will notice that the information is presented following this general concept: we begin by giving sections that summarize data and then give detailed information about these summaries as you proceed further into the report.
3. Then refer to the section titled "Statistical Overview". You will need to take a moment to read the column headings and the data below them. Also, as you go down the first column (left side) you will probably need to look back at the preceding section titled "Database Descriptions". Please pay particular attention to the radii searched as they vary according to the database. These are ASTM standards that we meet and exceed. Your site's datum is the third, shaded column. Also, the next column showing database hits within the first radius is important as it will include data about adjoining properties. The unmappable sites have their own section with a cover page explaining them.
4. The next section titled "Maps" is important as it gives a very clear visual presentation of the site, and which database(s) are at the site itself or within the study radii.
5. The site summary page(s) tells you by map ID# which database is at that location as well as the site's name and distance/direction from your study site. You will notice that the numbering corresponds to the distance from the subject site— eg. #1 is your site itself or the site closest to it, #2 is further away. This continues until all database hits have been summarized within the largest study radius. Your report may extend further than one mile if you asked us to extend the radii.
6. As you will recall our format goes from summary-type pages to detailed information. Therefore, the next section is "Detailed Data". Here extensive data is given about each database hit. The map ID#, distance, and direction are in the top left corner. Further data follows.
7. The "Unmappable" section was referred to earlier. In this summary you will find those sites. Please read the cover page as it describes unmappable sites and our efforts to minimize and/or eliminate them from all of our site assessments.
8. The last section -- "Glossary/Acronyms" is self-explanatory and often helpful to our customers.

If you would like further help in understanding our reports please refer to the frequently asked questions list on our web site or call as our intention is to have this report helpful to you.



## Database Descriptions -- Federal Databases

---

### NPL

National Priorities List

US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
(703) 603-8881

Data Date: August 18, 2000  
Release Date: August 18, 2000  
Active Date: November 6, 2000  
Last Contact Date: January 18, 2001

The NPL is a subset of the CERCLIS and lists over 1,150 of the nation's most dangerous sites of uncontrolled or hazardous waste which require cleanup. Also known as the Superfund List, the sites are scored according to the hazardous ranking system.

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### CERCLA (Active)

Comprehensive Environmental Response, Compensation, and Liability Information System (Active)

US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
1-800-775-5037

Data Date: August 18, 2000  
Release Date: August 18, 2000  
Active Date: November 7, 2000  
Last Contact Date: January 19, 2001

CERCLIS maintains information on over 15,000 sites nationally identified as hazardous or potentially hazardous which may require action. These sites are currently being investigated or an investigation has been completed regarding the release of hazardous substances. The most serious of this list as ranked by the hazardous ranking system are transferred to the NPL.

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### CERCLA (NFRAP Archive)

Comprehensive Environmental Response, Compensation, and Liability Information System (NFRAP Archive)

US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
1-800-775-5037

Data Date: August 18, 2000  
Release Date: August 18, 2000  
Active Date: November 7, 2000  
Last Contact Date: January 18, 2001

For more complete information purposes we include sites which have been reclassified as No Further Remedial Action Planned (NFRAP) by the EPA. This action was taken by the EPA beginning February 1995 as a part of the Brownfields Redevelopment Program. These former CERCLIS sites, also known as the CERCLIS Archive, have been delisted because a lack of significant contamination was found.

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### RCRA TSD

Resource Conservation and Recovery Information System -- Treatment, Storage, and Disposal Facilities

US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
(202) 260-4610

Data Date: April 15, 2000  
Release Date: April 15, 2000  
Active Date: August 7, 2000  
Last Contact Date: January 18, 2001

RCRIS contains information on hazardous waste handlers regulated by the US Environmental Protection Agency under the Resource Conservation and Recovery Act (RCRA). It is a national system used to track events and activities which fall under RCRA. The TSD database is a subset of the complete RCRIS file which includes facilities which treat, store, dispose, or incinerate hazardous waste. Additionally, compliance and corrective action (CORRACTS) information is included.

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## RCRA Generator

Resource Conservation and Recovery Information System - Large and Small Quantity Generators, Transporters, and Notifiers

US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
800-424-9346

Data Date: April 15, 2000  
Release Date: April 15, 2000  
Active Date: August 7, 2000  
Last Contact Date: January 18, 2001

RCRIS contains information on hazardous waste handlers regulated by the US Environmental Protection Agency under the Resource Conservation and Recovery Act (RCRA). It is a national system used to track events and activities which fall under RCRA. The generators database is a subset of the complete RCRIS file which includes hazardous waste generators which create more than 100kg of hazardous waste per month or meet other requirements of RCRA. We also include RCRA Notifiers, Transporters, and formerly regulated RCRA Sites for more complete hazardous waste information. Additionally, compliance and corrective action information is included.

---

## RAATS

RCRA Administrative Action Tracking System

US Environmental Protection Agency  
Office of Enforcement and Compliance Assurance  
(202) 564-4104

Data Date: April 14, 1995  
Release Date: Not Available  
Active Date: April 17, 1995  
Last Contact Date: January 18, 2001

The RCRA Administrative Action Tracking System contains additional information on RCRA enforcement actions. Data includes the type of action, proposed penalty, and final penalty amount. This is a historical database and will not be updated by the source agency. EcoSearch will call once a year to verify historical status.

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## CORRACTS

Resource Conservation and Recovery Information System -- Corrective Action Sites

US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
(202) 260-4610

Data Date: April 15, 2000  
Release Date: April 15, 2000  
Active Date: August 7, 2000  
Last Contact Date: January 18, 2001

The CORRACTS database includes RCRIS (Resource Conservation and Recovery Information System) sites with reported corrective action. This information is also reported in the standard RCRIS detailed data.

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## ERNS

Emergency Response Notification System

US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
(202) 260-2342

Data Date: January 1, 2000  
Release Date: January 1, 2000  
Active Date: March 17, 2000  
Last Contact Date: January 18, 2001

ERNS is a national database which contains information on specific notification of releases of oil and hazardous substances into the environment. The system stores data regarding the site of the spill, the material released, and the medium into which it occurred.

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## PADS

### PCB Activity Database System

US Environmental Protection Agency  
Office of Pollution Prevention and Toxics  
(202) 260-3992

Data Date: November 20, 1999  
Release Date: November 20, 1999  
Active Date: February 18, 2000  
Last Contact Date: January 18, 2001

This database stores information about facilities which handle PCBs and file EPA form 7710-53. It is divided into storage facilities, disposers, generators, and transporters.

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## TRI

### Toxic Release Inventory

US Environmental Protection Agency  
Office of Pollution Prevention and Toxics  
(202) 260-1531

Data Date: October 1996  
Release Date: November 1999  
Active Date: March 17, 2000  
Last Contact Date: January 18, 2001

TRI contains information from facilities which manufacture, process, or import any of the over 300 listed toxic chemicals which are released directly into air, water, or land or are transported off-site. The database includes facts on amounts of chemicals stored and emitted from the facility. This database is released on an infrequent basis by the US EPA. EcoSearch includes information from 1987 through the 1996 reporting year.

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## SSTS

### Section Seven Tracking System

US Environmental Protection Agency  
Office of Prevention, Pesticides, and Toxic Substances  
(202) 564-5008

Data Date: July 31, 1998  
Release Date: Not Available  
Active Date: August 27, 1998  
Last Contact Date: January 18, 2001

Formerly FATES, this system tracks the registration of pesticide-producing establishments and tracks the types and amounts of pesticides, active ingredients, and devices which are sold, produced, or distributed annually.

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## DOCKET

### Civil Enforcement Docket

US Environmental Protection Agency  
Office of Enforcement  
(202) 564-4114

Data Date: September 3, 1998  
Release Date: Not Available  
Active Date: February 3, 1999  
Last Contact Date: January 18, 2001

The Civil Enforcement Docket is information on civil and administrative actions filed by the Department of Justice for the US Environmental Protection Agency. This record has been continually updated since 1972 and includes data regarding facility name, dates, laws violated, and penalties assessed.

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## TSCA

Toxic Substances Control Act Inventory

US Environmental Protection Agency

(202) 554-1404

Data Date: May 14, 1986

Release Date: Not Available

Last Contact Date: January 18, 2001

The Toxic Substances Control Act Inventory includes the locations and chemical production information of more than 7000 processors and manufacturers of chemicals. This database is no longer released to the public by the US EPA.

## Database Descriptions -- State Databases

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### SCL (HWS)

Indiana State Cleanup List

Indiana Department of Environmental Management  
Office of Environmental Response  
(317) 308-3008

Data Date: December 8, 1998  
Release Date: December 8, 1998  
Active Date: June 15, 1999  
Last Contact Date: January 11, 2001

This database identified sites deemed by the State of Indiana for remediation. It also includes sites designated for immediate removal, voluntary cleanup, and hazardous ranked sites listed on the IDEM Commissioner's Bulletin No. 6 (dated 12/10/95).

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### SWF

Indiana Permitted Solid Waste Facilities

Indiana Department of Environmental Management  
Office of Solid Waste Management  
(317) 232-3399

Data Date: February 16, 2000  
Release Date: February 16, 2000  
Active Date: February 29, 2000  
Last Contact Date: January 11, 2001

This state database lists sites which are regulated for solid waste disposal by the State of Indiana. It is updated twice a year by the Office of Solid Waste Management.

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### LUST

Indiana Leaking Underground Storage Tank List

Indiana Department of Environmental Management  
(317) 308-3008

Data Date: January 8, 2001  
Release Date: January 8, 2001  
Active Date: January 13, 2001  
Last Contact Date: January 14, 2001

The IDEM LUST list contains information on underground storage tanks with reported releases into the environment. Agency Required Disclaimer: This information is an unconfirmed, non-verified list of reported notifications or releases at facilities or sites. It should not be used for or considered as a final Agency determination of whether proper notification, actual releases, or the completion of remedial activities have occurred. In providing this list, the Agency makes no representation regarding the accuracy of the information.

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### UST

Indiana Registered Underground Storage Tank List

Indiana Department of Environmental Management  
Underground Storage Tank Branch  
(317) 308-3008

Data Date: January 8, 2001  
Release Date: January 8, 2001  
Active Date: January 13, 2001  
Last Contact Date: January 13, 2001

The Indiana UST list provides the location of registered underground storage tanks. Agency Required Disclaimer: This information is an unconfirmed, non-verified list of reported notifications or releases at facilities or sites. It should not be used for or considered as a final Agency determination of whether proper notification, actual releases, or the completion of remedial activities have occurred. In providing this list, the Agency makes no representation regarding the accuracy of the information.

# EcoSearch Environmental Resources, Inc.

## Priority Risk Report Map

Report ID: 2360-5602  
Section 3  
Site: Gary, IN 46406

- ★ Study Site
- ⊙ Study Site Matches Database

### FEDERAL DATABASES Radius (mi)

- NPL Sites 1.25
- CERCLA (Active) Sites 1.25
- CERCLA (NFRAP Archive) Sites 1.25
- ▲ RCRA TSD Sites 1.25
- ▲ RCRA Generator Sites 0.38
- ▲ CORRACTS Sites 1.25
- ▲ ERNS Sites 0.38
- ▲ PADS Sites 1.25
- ▲ TRI Sites 0.75
- ▲ SST'S Sites 1.25
- ▲ DOCKET Sites 1.25
- ▲ TSCA Sites 1.25

### STATE DATABASES

- SCL (HWS) Sites 1.25
- SWF Sites 1.25
- LUST Sites 0.75
- UST Sites 0.38

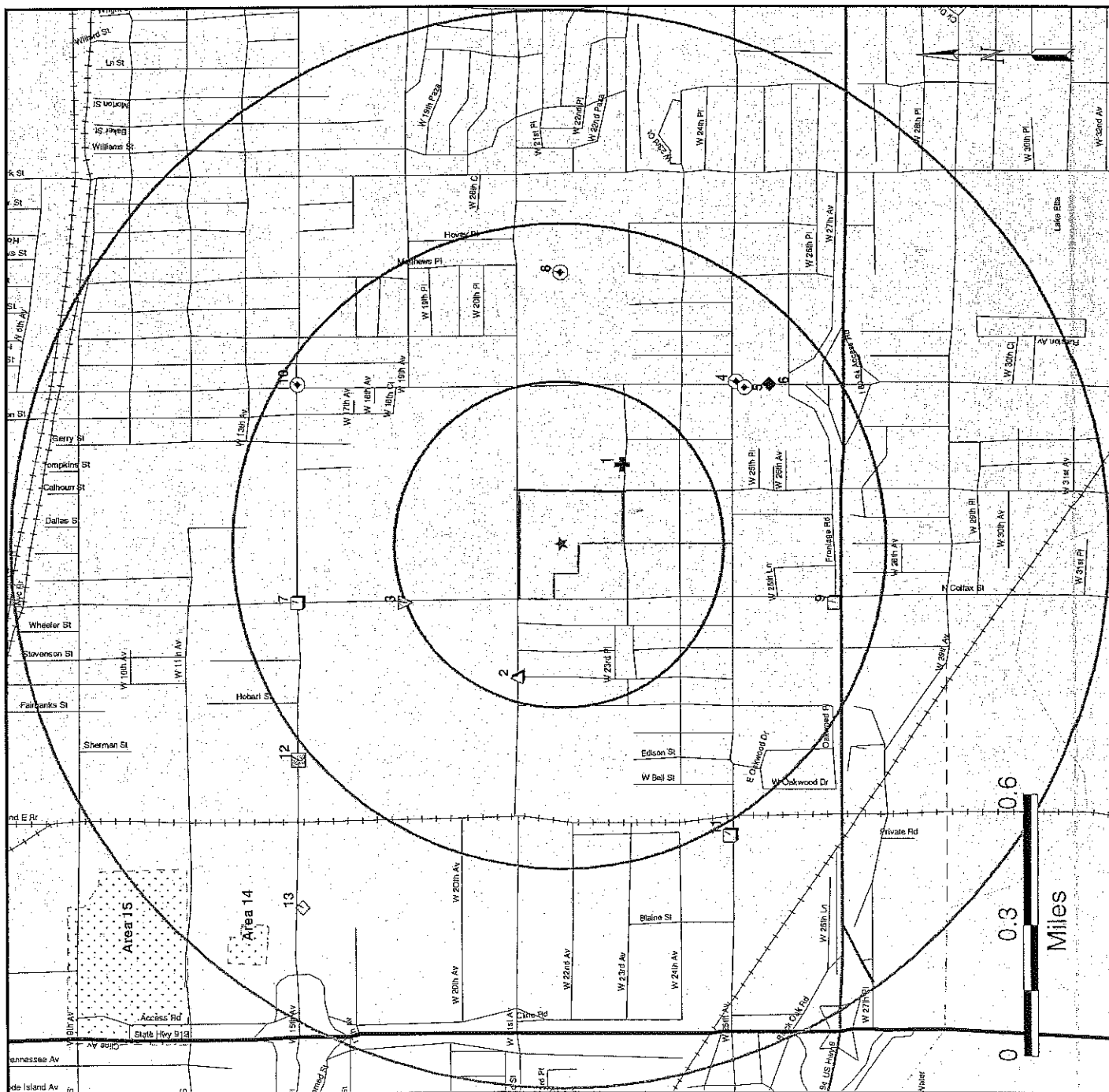
### MULTIPLE MATCHES / AREAS

- ⊙ Two Database Matches
- ⊙ Three or More Matches
- ⊙ Database Area Site

### MAP LEGEND

- Parks
- Streets
- Secondary Roads
- Primary Roads
- Freeways
- Railroads
- Boundaries
- Incorp. Areas
- Water
- Cemeteries

Radius: 0.36 mile, 0.75 mile, 1.25 miles



Note: The information contained on this map is subject to the general disclaimer on the first page.

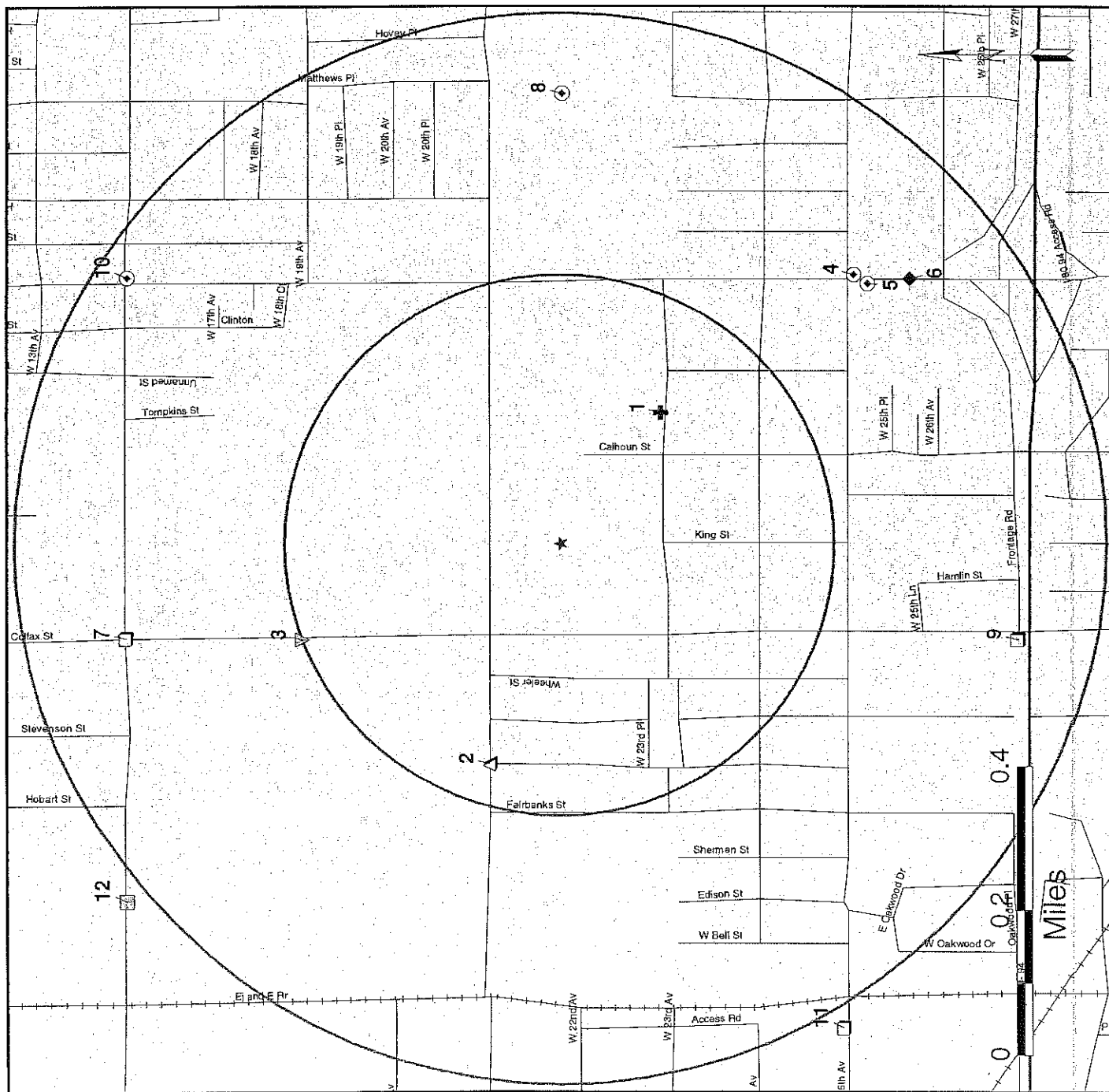
# EcoSearch Environmental Resources, Inc.

## Priority Risk Report Map

Report ID: 2360-5602

Site: Section 3

Gary, IN 46406



- ★ Study Site
- ⊙ Study Site Matches Database

### FEDERAL DATABASES Radius (mi)

- NPL Sites 1.25
- CERCLA (Active) Sites 1.25
- CERCLA (NFRAP Archive) Sites 1.25
- RCRA TSD Sites 0.38
- ▲ RCRA Generator Sites 1.25
- ◆ CORRACTS Sites 0.38
- ▼ ERNS Sites 1.25
- ◆ PADS Sites 0.75
- ★ TRI Sites 1.25
- ★ SST'S Sites 1.25
- DOCKET Sites 1.25
- ▼ TSCA Sites 1.25

### STATE DATABASES

- SCL (HWS) Sites 1.25
- ◆ SWF Sites 1.25
- ◆ LUST Sites 0.75
- ◆ UST Sites 0.38

### MULTIPLE MATCHES / AREAS

- ⊙ Two Database Matches
- ⊕ Three or More Matches
- ▨ Database Area Site

### MAP LEGEND

- Parks
- Streets
- Secondary Roads
- Primary Roads
- Freeways
- Railroads
- Boundaries
- Incorp. Areas
- Water
- Cemeteries

Radii: 0.38 mile, 0.75 mile, 1.25 miles


Note: The information contained on this map is subject to the general disclaimer on the first page.



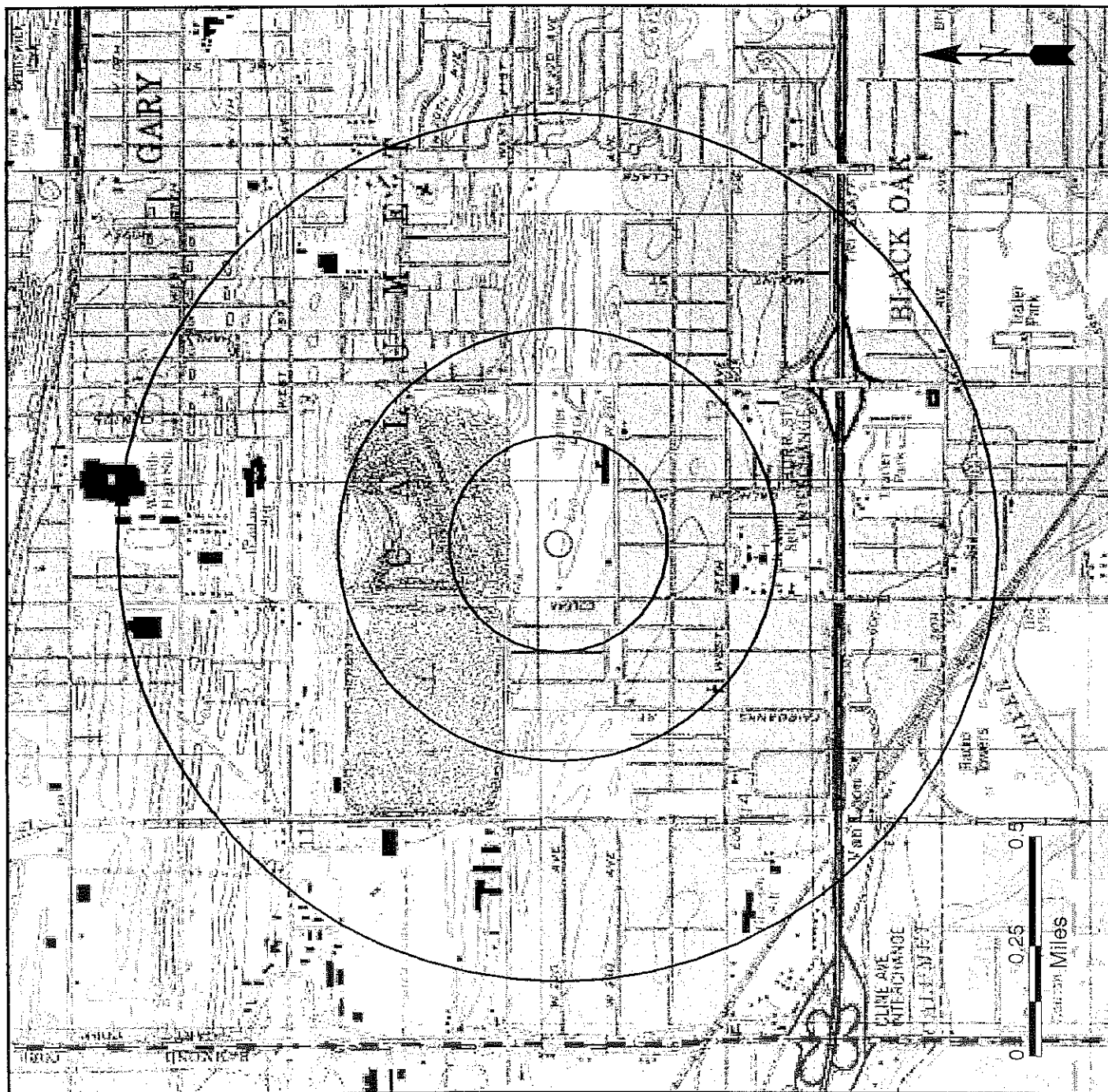
# EcoSearch Environmental Resources, Inc.

## USGS 7.5 Minute Topographical Map

Report ID: 2360-5602  
Site: Section 3  
Gary, IN 46406

	Target Area
<b>Map Features are Color Coded</b>	
Black -- Cultural features such as roads and buildings.	
Blue -- Hydrographic features such as lakes and rivers.	
Brown -- Hypsographic (elevation) features shown by contour lines.	
Green -- Woodland cover, scrub, orchards, and vineyards.	
Red -- Important roads and public land survey system.	
Purple -- Features added from aerial photographs during map revision. The changes are not field checked.	
A detailed Topographic Map Symbols pamphlet is available from EcoSearch free upon request.	
Radii: 0.25 mile, 0.50 mile, 1.00 mile	

Topographical Map:  
Highland, IN -- 1991



## EcoSearch Statistical Overview

Property Information				
Section 3				
Gary, IN 46406				
Latitude:	41.579188	N	Longitude:	87.410636 W

Search Parameters	
Report:	Priority Risk Report
Radii:	ASTM*
Zip Code(s):	46406
City:	Gary

FEDERAL DATABASES	Radius (miles)	Mappable Sites						Unmappable Sites		
		Total	Site	Area Vicinity**	within 0.38mi	0.38 - 0.75mi	0.75 - 1.25mi	Zip Code	City	County
NPL	1.250	2	0	2	0	0	0	0	0	0
CERCLA (Active)	1.250	1	0	0	0	1	0	0	0	0
CERCLA (NFRAP Archive)	1.250	4	0	1	0	2	1	0	0	0
RCRA TSD	1.250	0	0	0	0	0	0	0	0	0
RCRA Generator	0.380	1	0	0	1	-	-	0	0	0
CORRACTS	1.250	0	0	0	0	0	0	0	0	0
ERNS	0.380	1	0	0	1	-	-	-	-	-
PADS	1.250	0	0	0	0	0	0	0	-	-
TRI	0.750	1	0	0	1	0	-	0	0	0
SSTS	1.250	0	0	0	0	0	0	0	0	0
DOCKET	1.250	4	0	4	0	0	0	0	0	0
TSCA	1.250	0	0	0	0	0	0	0	-	-

STATE DATABASES	Radius (miles)	Mappable Sites						Unmappable Sites		
		Total	Site	Area Vicinity**	within 0.38mi	0.38 - 0.75mi	0.75 - 1.25mi	Zip Code	City	County
SCL (HWS)	1.250	5	0	3	0	1	1	0	1	0
SWF	1.250	1	0	0	0	0	1	0	0	0
LUST	0.750	10	0	0	0	10	-	0	0	0
UST	0.380	0	0	0	0	-	-	0	-	-

### MANUAL GEOCODING: ^

For this city/township,

**1189**

sites were manually plotted by EcoSearch.

\* This database search and study radii meets or exceeds the ASTM (American Society of Testing and Materials) standards for a government records review.

\*\* Area Vicinity indicates that Environmental Area Records were found near your study site. These records detail contamination or other environmental conditions in a wide area which cannot be placed to a single point or more precisely plotted. More research is necessary to determine the possible environmental impact of these Area Records to your study site.

^ Manual Geocoding: Plotting environmental site data using paper maps and phone calls to properly place the information on the map.

Accurate street addresses are required for records to be found at the study property.

Mappable Sites are environmental sites which were located and appear on the enclosed EcoSearch Map, Site Summary, and Detailed Data sections of the report. These sites are summarized based on proximity to the study site.

Unmappable Sites are governmental records with incomplete or inaccurate address information. These sites could not be located on the street map, but have been searched by the Zip Codes, Cities, and County specified in the search parameters. Further investigation of these sites and their relationship to your study site is necessary.

## Site Summary

<u>Map ID#</u>	<u>Database / Agency ID#</u>	<u>Site Name, Address, and County</u>	<u>Distance/Direction</u>
1	TRI Toxic Release Inventory Site 46406BVNNC5700W	BIVONA INC. 5700 W 23RD AVE GARY, IN 46406-2617 LAKE	0.23318 mi ESE  Manually Geocoded*
2	RCRA Generator RCRA Transporter and Generator INR000006577	IDEM 21ST & HOBART HOBART, IN 46342 LAKE	0.32331 mi WNW  Manually Geocoded*
3	ERNS Emergency Response Notification System 367957	15TH AVE/COLFAX AVE/ 21ST AVE GARY, IN 46406 LAKE	0.37999 mi NNW  Manually Geocoded*
4A	LUST Indiana Leaking Underground Storage Tank 200007509	PILOT CORP #271 2501 BURR ST GARY, IN 46406-3129 LAKE	0.55841 mi SE  Manually Geocoded*
4B	LUST Indiana Leaking Underground Storage Tank 199502502	PILOT CORP #271 2501 BURR ST GARY, IN 46406-3129 LAKE	0.55841 mi SE  Manually Geocoded*
5A	LUST Indiana Leaking Underground Storage Tank 198702031	TA OPERATING CORP. TRUCKSTOPS OF AMERICA 2510 BURR ST GRIFFITH, IN 46319 LAKE	0.56477 mi SE  Manually Geocoded*
5B	LUST Indiana Leaking Underground Storage Tank 199804500	TA OPERATING CORP. TRUCKSTOPS OF AMERICA 2510 BURR ST GRIFFITH, IN 46319 LAKE	0.56477 mi SE  Manually Geocoded*
5C	LUST Indiana Leaking Underground Storage Tank 198902085	TA OPERATING CORP. TRUCKSTOPS OF AMERICA 2510 BURR ST GRIFFITH, IN 46319 LAKE	0.56477 mi SE  Manually Geocoded*
5D	LUST Indiana Leaking Underground Storage Tank 199710516	TA OPERATING CORP. TRUCKSTOPS OF AMERICA 2510 BURR ST GRIFFITH, IN 46319 LAKE	0.56477 mi SE  Manually Geocoded*
5E	LUST Indiana Leaking Underground Storage Tank 199803224	TA TRUCKSTOPS 2510 BURR ST GARY, IN 46406-3130 LAKE	0.56477 mi SE  Manually Geocoded*
6	LUST Indiana Leaking Underground Storage Tank 200008506	AMOCO SS 19754 2567 BURR ST GARY, IN 46406-3118 LAKE	0.61359 mi SE
7	CERCLA CERCLA Site (Delisted NFRAP Site) IND980500250	GARY CITY LDFL 15TH & COLFAX GARY, IN 46406 LAKE	0.61506 mi NNW
8A	CERCLA CERCLA Site IND984895243	BLACK OAKS DUMP 21ST AND MOUNT STREET GARY, IN 46406 LAKE	0.63609 mi E  Manually Geocoded*
8B	SCL (HWS) Indiana State Cleanup List Site 0000057	BLACK OAK DRUMS (GARY DRUMS) GARY, IN 46407 LAKE	0.63609 mi E  Manually Geocoded*

## Site Summary

<u>Map ID#</u>	<u>Database / Agency ID#</u>	<u>Site Name, Address, and County</u>	<u>Distance/Direction</u>
9	CERCLA CERCLA Site (Delisted NFRAP Site) IND980500490	NORTHWEST INDUSTRIES SITE #88 I-94 & COLFAX AVE GARY, IN 46406 LAKE	0.64704 mi SSW Manually Geocoded*
10A	LUST Indiana Leaking Underground Storage Tank 199903552	SHELL OIL GARY WILLIE WATKINS 5390 W 15TH AVE GARY, IN 46406-2316 LAKE	0.70775 mi NE Manually Geocoded*
10B	LUST Indiana Leaking Underground Storage Tank 198712012	SHELL OIL GARY WILLIE WATKINS 5390 W 15TH AVE GARY, IN 46406-2316 LAKE	0.70775 mi NE Manually Geocoded*
11	CERCLA CERCLA Site (Delisted NFRAP Site) IND984869958	TRIPLE J MOTORS SITE 7040 W 25TH AVE GARY, IN 46406-2937 LAKE	0.77864 mi WSW Manually Geocoded*
12	SCL (HWS) Indiana State Cleanup List Site 6951101	ROEHL TRANSPORT WEST 15TH STREET GARY, IN 46401 LAKE	0.77939 mi NW Manually Geocoded*
13	SWF Indiana Solid Waste Facility 45-0013	WASTE MGMT OF NW IN RECYCLING FACILITY 7337 WEST 15TH AVENUE, PO BOX 250 , IN LAKE	1.02381 mi WNW Manually Geocoded*
14A	SCL (HWS) Indiana State Cleanup List Site 7500023	MIDCO I # 5900 INDUSTRIAL HWY GARY, IN 46406-1022 LAKE	1.11000 mi WNW Area Manually Plotted***
14B	NPL National Priorities List Site IND980615421	MIDCO I 7400 W 15TH AVE GARY, IN 46406-2254 LAKE	1.11000 mi WNW Area Manually Plotted***
14C	DOCKET Civil Enforcement Docket 05-79-0075C	MIDCO I 7400 W 15TH AVE GARY, IN 46406-2254 LAKE	1.11000 mi WNW Area Manually Plotted***
14D	DOCKET Civil Enforcement Docket 05-91-0125C	MIDCO I 7400 W 15TH AVE GARY, IN 46406-2254 LAKE	1.11000 mi WNW Area Manually Plotted***
14E	SCL (HWS) Indiana State Cleanup List Site 7500022	MIDCO I # 7400 W 15TH AVE GARY, IN 46406-2254 LAKE	1.11000 mi WNW Area Manually Plotted***
15A	NPL National Priorities List Site IND980794432	NINTH AVENUE DUMP 7357 W 9TH AVE GARY, IN 46406-1957 LAKE	1.15000 mi NW Area Manually Plotted***
15B	DOCKET Civil Enforcement Docket 05-89-0078C	NINTH AVE DUMP 7357 W 9TH AVE GARY, IN 46406-1957 LAKE	1.15000 mi NW Area Manually Plotted***
15C	DOCKET Civil Enforcement Docket 05-80-0048C	NINTH AVE DUMP 7357 W 9TH AVE GARY, IN 46406-1957 LAKE	1.15000 mi NW Area Manually Plotted***

## Site Summary

<u>Map ID#</u>	<u>Database / Agency ID#</u>	<u>Site Name, Address, and County</u>	<u>Distance/Direction</u>
15D	CERCLA CERCLA Site (Delisted NFRAP Site) IND980679849	NINETH AVENUE DUMP/RED TOP 9TH AVE & CLINE AVE GARY, IN 46402 LAKE	1.15000 mi NW Area Manually Plotted***
15E	SCL (HWS) Indiana State Cleanup List Site 7500079	NINTHE AVENUE DUMP 7537 W 9TH AVE GARY, IN 46406-1954 LAKE	1.15000 mi NW Area Manually Plotted***

\* -- Manually Geocoded: Site plotted or corrected using paper maps, phone calls, and other resources to properly place the site on the map.

\*\* -- Agency Provided Lat/Long: Site plotted using the latitude and longitude given by the federal or state government agency.

\*\*\* -- Area Manually Plotted: Area manually drawn using digital and paper maps.

## Detailed Data

The following pages contain the detailed data concerning the sites plotted on the map and included in the site summary.

**Please Note:**     Pages are not included for databases not found within the search radii.

These pages are arranged as follows:

NPL Data

CERCLA Data

Delisted CERCLA Data

RCRA TSD and Generators Data

ERNS Data

TRI Data

DOCKET Data

Indiana SCL Data

Indiana SWF Data

Indiana LUST Data

# NPL Data

## National Priorities List Sites

Map ID#:	14B	Distance (mi):	1.110000	Facility Name:	MIDCO I
EPA ID#:	IND980615421	Direction:	WNW	Address:	7400 W 15TH AVE
CERCLIS Site ID#:	0501761			City, State, Zip:	GARY, IN 46401
				County:	LAKE
Federal Facility Indicator:	Not a Federal Facility	NPL Proposal Date:	12/30/82		
Ownership Indicator:	Other	NPL Final Date:	09/08/83		
Hydro Unit:	04040001				
Site Incident Category:	Industrial Waste Treatment				
Comments:	THIS SITE OPERATED AS A FORMER SOLVENT RECYCLING OPERATION. SURFACE CLEAN-UP WAS DONE AS PLANNED REMOVAL BY USEPA. SOIL AND GROUNDWATER CONTAMINATION REMAIN. THIS SITE OPERATED AS A FORMER SOLVENT RECYCLING OPERATION. SURFACE CLEAN-UP WAS DONE AS PLANNED REMOVAL BY USEPA. SOIL AND GROUNDWATER CONTAMINATION REMAIN.				
NPL Status:	Currently on the Final NPL				
RCRIS Facility Indicator:	Not Reported				
Event		Date Started		Date Completed	
RD/RA NEGOTIATIONS		1989-05-09		1990-06-11	
RD/RA NEGOTIATIONS		1991-01-15		1992-06-23	
PRP RI/FS		1985-06-19		1989-06-30	
PRP RD		1989-10-02		1990-11-21	
PRP RD		1992-06-23		1994-06-24	
PRP RA		1993-07-22		1998-08-13	
CONSENT DECREE		Not Reported		1985-08-01	
CONSENT DECREE		1992-01-10		1992-06-23	
CONSENT DECREE		1992-04-02		1992-06-23	
SECTION 106 107 LITIGATION		1983-01-25		1985-06-19	
COMBINED RI/FS		1983-09-23		1985-06-19	
COMMUNITY INVOLVEMENT		1999-12-22		1999-12-22	
DISCOVERY		Not Reported		1975-01-01	
FIVE YEAR REMEDY ASSESSMENT		1998-07-09		1998-10-29	
RI/FS NEGOTIATIONS		1983-11-15		1985-05-15	
HRS PACKAGE		Not Reported		1982-08-01	
ROD Amendment		Not Reported		1992-04-13	
Lodged By DOJ		Not Reported		1985-08-01	
Lodged By DOJ		Not Reported		1992-01-31	
Lodged By DOJ		Not Reported		1992-04-14	
FF REMOVAL		1981-06-01		1981-06-30	
FINAL LISTING ON NPL		Not Reported		1983-09-08	
PROPOSAL TO NPL		Not Reported		1982-12-30	
NPL RP SEARCH		Not Reported		1984-09-30	
PRELIMINARY ASSESSMENT		Not Reported		1983-03-01	
RECORD OF DECISION		Not Reported		1989-06-30	
REMOVAL ASSESSMENT		1990-06-14		1990-06-15	
REMOVAL ASSESSMENT		1991-08-06		1991-08-08	
REMOVAL ASSESSMENT		1993-09-27		1993-09-27	
REMOVAL		1982-02-25		1982-07-07	
SITE INSPECTION		Not Reported		1982-08-01	
SECTION 107 LITIGATION		Not Reported		1995-06-01	
TREATABILITY STUDY		1990-03-28		1997-09-30	
UNILATERAL ADMIN ORDER		Not Reported		1989-11-15	

### NPL FACT SHEET INFORMATION:

Description: The Midwest Solvent Recovery Company (MIDCO) I site is a 4-acre, abandoned industrial waste recycling, storage, and disposal facility located in Gary. Recycling, storing, and disposing of industrial wastes began at the site some time before 1973. In 1973, approximately 6,000 to 7,000 drums were observed on the site. Later, four bulk tanks, each with a capacity of 4,000 to 10,000 gallons, were found on the site. In 1976, a fire burned approximately 14,000 drums of chemical waste. Operations resumed in 1977 under new management but, by 1979, the facility was abandoned, leaving an estimated 14,000 drums stockpiled on site. In 1981, severe flooding caused water in the area to drain into a neighboring city to the west; contact with the flood water reportedly resulted in skin burns. Following a fire in 1976, MIDCO I moved to a new location, known as MIDCO II, which also is on the NPL. Residential neighborhoods are near the site, with one resident living as close as 900 feet from the site. Twelve drinking water wells have been identified in the Calumet Aquifer, located within approximately 1 mile from the site, in the downgradient groundwater flow direction. The Calumet Aquifer is highly susceptible to contamination from surface sources. The area surrounding the site is mixed light industrial, commercial, and residential, and contains wetlands.



## NPL Data

### National Priorities List Sites

Site Responsibility:	This site is being addressed through Federal and potentially responsible parties' actions.
Threats & Contaminants:	Groundwater contains volatile organic compounds (VOCs) including trichloroethylene (TCE), vinyl chloride, benzene, methylene chloride; semi-volatile compounds; metals; and cyanide. Sediments and soils are contaminated with VOCs, semi-volatiles, polychlorinated biphenyls (PCBs), metals, cyanide, and chlordane, which is a pesticide. VOCs, chromium, lead, cadmium, and cyanide were detected in surface waters northeast of the site. Contaminants in the soil are leaching into the groundwater. This contaminated groundwater is migrating off site and may affect downgradient drinking water wells. Direct contact with or accidental ingestion of contaminated groundwater, surface water, sediments, or soil may be a threat. The contamination also may be adversely affecting wildlife and plants in or around the wetlands. High levels of sodium chloride in the groundwater make it unacceptable for a surface water discharge, even if treated to remove the hazardous substances."
Cleanup Approach:	The site is being addressed in two stages: immediate actions and a long-term remedial phase focusing on cleanup of the entire site.
Immediate Resp:	A security fence was installed around the site in 1981. In 1982, to address the immediate threats to the public, the EPA removed extensive surface wastes, an underground tank, drums, and the top 1 foot of contaminated soil. Much of the site was then covered with a temporary clay cover.
Entire Site Resp:	To address the contaminated subsurface soil, sediment, and groundwater, the EPA selected the following cleanup actions in 1989: treatment of approximately 12,400 cubic yards of contaminated soil and subsurface materials using a combination of soil vapor extraction and solidification/stabilization, followed by on-site disposal; excavation and on-site solidification/stabilization of approximately 1,200 cubic yards of contaminated sediment from surrounding wetlands; installation of a final site cover; installation and operation of a treatment system to remove hazardous substances from the contaminated groundwater, followed by deep well injection of the salt-contaminated water, or installation and operation of a treatment system, followed by reinjection of the salt-contaminated groundwater into the Calumet Aquifer in a manner that will prevent spreading of the salt plume; groundwater monitoring; and implementation of deed and access restrictions. In 1992, the EPA approved an amendment to the selected remedies. The amendment proposed a change in the method for determining how much soil will be treated. As a result of the amendment, it is estimated that 7,800 cubic yards of soil will be treated. The amendment also further defined the criteria for treatment prior to deep well injection, the performance criteria for soil treatment, and other requirements. A group of potentially responsible parties have agreed to implement the final remedy. Sediment excavation and installation of the deep wells was conducted during the summer and fall of 1993. The construction of the groundwater extraction, treatment and deep well injection system began during the summer of 1994, and is expected to be completed in 1996.
Site Facts:	In June 1985, a group of potentially responsible parties agreed to reimburse the EPA for past cleanup action costs and to perform the site investigation under a Consent Decree, which became effective in mid-1985. The EPA issued an Administrative Order in 1989, instructing the potentially responsible parties to conduct the remaining site cleanup, after the potentially responsible parties did not agree to implement the final remedy without conditions that were unacceptable to the EPA. Subsequently, the EPA reached a global settlement with the potentially responsible parties requiring them to implement the final remedy and pay for past cleanup activities. The Consent Decree for this settlement was entered in court on June 23, 1992.
Environmental Progress:	The removal of the contaminated materials and soils from the site, the installation of a fence and a temporary cover, and the completion of further cleanup activities described above have reduced the threat of exposure to hazardous materials while final cleanup actions for the MIDCO I site are underway.
Site Repository:	Gary Public Library, 220 West 5th Avenue, Gary, IN 46402
Information from the fact sheets is provided where available. If information is not available, the fact sheet fields will appear blank.	

#### Alias Information for Site ID 0501761

Alias ID	Alias Name	Description(when available)	Alias Address	Alias City
201.00	MIDWEST SOLVENTS REC			
301.00	MIDCO I SITE			LAKE
1,731.00	MIDCO I SITE			
1,732.00	MIDCO I SITE			

# NPL Data

## National Priorities List Sites

Map ID#:	15A	Distance (mi):	1.150000	Facility Name:	NINTH AVENUE DUMP
EPA ID#:	IND980794432	Direction:	NW	Address:	7357 W NINTH AVE
CERCLIS Site ID#:	0501816			City, State, Zip:	GARY, IN 46402
				County:	LAKE
Federal Facility Indicator:	Not a Federal Facility	NPL Proposal Date:	12/30/82		
Ownership Indicator:	Other	NPL Final Date:	09/08/83		
Hydro Unit:	04040001				
Site Incident Category:	Industrial Waste Treatment				
Comments:	COVERS 20 ACRES, ESTIMATED 10,000 BARRELS ON SITE IN 1975 AND 500,000 GALLONS OF LIQUID INDUSTRIAL WASTES DUMPED AND 1,000 BARRELS BURIED. WHEN CLOSED IN 1980 OVER 400 DRUMS AND SIX OLD TANK TRUCKS ON SITE. COVERS 20 ACRES, ESTIMATED 10,000 BARRELS ON SITE IN 1975 AND 500,000 GALLONS OF LIQUID INDUSTRIAL WASTES DUMPED AND 1,000 BARRELS BURIED. WHEN CLOSED IN 1980 OVER 400 DRUMS AND SIX OLD TANK TRUCKS ON SITE.				
NPL Status:	Currently on the Final NPL				
RCRIS Facility Indicator:	Not Reported				
Event	Date Started	Date Completed			
ADMIN ORDER ON CONSENT	Not Reported	1991-01-30			
ADMIN ORDER ON CONSENT	Not Reported	1996-03-05			
RD/RA NEGOTIATIONS	1988-07-08	1988-12-07			
RD/RA NEGOTIATIONS	1989-03-17	1989-08-17			
PRP REMOVAL	1982-01-06	1985-01-06			
PRP RD	1989-09-20	1995-04-05			
PRP RD	1989-01-13	1990-12-11			
PRP RD	1989-01-13	1991-07-16			
PRP RA	1990-12-11	1993-07-12			
PRP RA	1991-07-16	1993-07-12			
COMBINED R/FS	1988-08-23	1989-06-30			
COMBINED R/FS	1985-08-15	1988-09-20			
COMMUNITY INVOLVEMENT	1985-09-30	1993-07-12			
DISCOVERY	Not Reported	1975-01-01			
Explanation Of Significant Differences	Not Reported	1991-10-01			
REGIONAL ATTORNEY ASSIGNED	Not Reported	1992-06-23			
HRS PACKAGE	Not Reported	1982-08-01			
ROD Amendment	Not Reported	1994-09-13			
MANAGEMENT ASSISTANCE	1986-03-31	1993-07-12			
FINAL LISTING ON NPL	Not Reported	1983-09-08			
PROPOSAL TO NPL	Not Reported	1982-12-30			
NPL RP SEARCH	Not Reported	1984-09-30			
PRELIMINARY ASSESSMENT	Not Reported	1983-02-01			
RECORD OF DECISION	Not Reported	1988-09-20			
RECORD OF DECISION	Not Reported	1989-06-30			
REMOVAL ASSESSMENT	1990-08-09	1990-08-14			
REMOVAL ASSESSMENT	1992-08-21	1992-08-21			
REMOVAL	1987-09-14	1987-10-14			
SITE INSPECTION	1982-09-01	1982-09-01			
SECTION 106 LITIGATION	1983-09-30	1985-03-22			
UNILATERAL ADMIN ORDER	Not Reported	1988-12-07			
UNILATERAL ADMIN ORDER	Not Reported	1989-08-17			
UNILATERAL ADMIN ORDER	Not Reported	1994-12-27			

### NPL FACT SHEET INFORMATION:

# NPL Data

## National Priorities List Sites

Description:	Ninth Avenue Dump is an inactive chemical and industrial waste disposal site located in Gary, Indiana. It is an approximately 17-acre parcel located in a mixed industrial, commercial, and residential area, that is low-lying and poorly drained. Waste disposal occurred at the site from the early to mid-1970s. The site operator accepted dry industrial, construction, and demolition wastes, such as ashes, broken concrete, bricks, trees, wood, tires, cardboard, paper, and car batteries. The site also received liquid industrial wastes, including oil, paint solvents, sludges, resins, acids, and other chemical wastes. In 1975, the Indiana State Board of Health (ISBH) inspected the site, documented the existence of drums on the surface, and found evidence that liquid wastes had been dumped at the site. Some filling, believed to have been associated with cleanup activities, occurred between 1975 and 1980. Around this time, the operator removed drums, tank cars, and some contaminated soils from the site. In early 1985, the EPA took over site studies from the site operator. The Ninth Avenue Dump site lies a few hundred feet north of the MIDCO I NPL site and is north of an Indiana Department of Highways maintenance facility that formerly housed an outdoor salt storage pile. It is located across the street from the H & H Enterprises site where a large fire occurred in 1993. There is a residential area located on the other side of Cline Avenue approximately 1/8 mile to the west.
Site Responsibility:	This site is being addressed through Federal and potentially responsible parties' actions.
Threats & Contaminants:	Groundwater is contaminated with volatile organic compounds (VOCs) including benzene, toluene, and xylenes; polycyclic aromatic hydrocarbons (PAHs); and heavy metals including nickel and silver. On-site groundwater contains a hydrocarbon layer containing polychlorinated biphenyls (PCBs), pesticides, VOCs, and PAHs. PAHs, toluene, cadmium, and lead were detected in off-site surface soil. On-site sediment samples contained PAHs and PCBs. Accidental ingestion of contaminated groundwater, surface water, soil, or sediments may present health risks. The site is adjacent to several ponds and a wetland area. Currently, the site is fenced.
Cleanup Approach:	The site is being addressed in two stages: cleanup of the oil phase and cleanup of the soil and groundwater.
Immediate Resp:	
Entire Site Resp:	
Site Facts:	In 1975 and 1980, the site operator was ordered by ISBH and the EPA, respectively, to initiate surface cleanups. In 1983, a Partial Consent Judgement was signed by the EPA and the site operator requiring the operator to evaluate surface and subsurface conditions and submit a plan for cleanup. The selected remedies are being performed by a group of potentially responsible parties as the result of three Unilateral Administrative Orders issued in December 1988, August 1989, and December 1994.
Environmental Progress:	All construction at the site is complete. By removing the most heavily contaminated materials, fencing in the site, and isolating the hazardous materials with a slurry wall and cap, the potential for exposure to hazardous materials on the Ninth Avenue Dump site has been reduced, while final cleanup activities are continuing.
Site Repository:	Gary Public Library, 220 West 5th Avenue, Gary, IN 46402
Information from the fact sheets is provided where available. If information is not available, the fact sheet fields will appear blank.	

### Alias Information for Site ID 0501816

Alias ID	Alias Name	Description(when available)	Alias Address	Alias City
201.00	NINTH AVENUE DUMP			LAKE

## CERCLA Data

### Comprehensive Environmental Response, Composition, and Liability Act Sites

Map ID#: **8A** Distance (mi): **0.636092**  
Direction: **E** Facility Name: **BLACK OAKS DUMP**  
EPA ID#: **IND984895243** Address: **21ST AND MOUNT STREET**  
CERCLIS Site ID#: **0506488** City, State, Zip: **GARY, IN 46406**  
Status: This site is currently under investigation by the federal government  
to assess the extent of further action. County: **LAKE**

Federal Facility Indicator: Not a Federal Facility NPL Status: Not on the NPL  
Ownership Indicator: Unknown RCRIS Facility Indicator: Not Reported  
Hydro Unit: 04040001  
Site Incident Category: Not Reported

Comments: Not Reported

<u>Event</u>	<u>Date Started</u>	<u>Date Completed</u>
DISCOVERY	Not Reported	1991-04-04
INTEGRATED ASSESSMENT	1994-07-12	1994-09-30
PRELIMINARY ASSESSMENT	Not Reported	1994-09-30
REMOVAL	1991-04-08	1991-09-19
UNILATERAL ADMIN ORDER	Not Reported	1991-07-05

**Alias Information:** (If alias information is blank, no information was reported)

<u>Alias ID</u>	<u>Alias Name</u>	<u>Alias Address</u>	<u>Alias City</u>
101.00	ROSE'S GARDEN	Description (when available)	

# CERCLA Archive Data

## Delisted Comprehensive Environmental Response, Compensation, and Liability Act Sites (Archive Sites)

Map ID#:	7	Distance (mi):	0.615062	Facility Name:	GARY CITY LDFL
		Direction:	NNW	Address:	15TH & COLFAX
EPA ID#:	IND980500250			City, State, Zip:	GARY, IN 46406
CERCLIS Site ID#:	0501593			County:	LAKE
Status:	This site has been delisted from CERCLIS No Further Remedial Action Planned				
Federal Facility Indicator:	Not a Federal Facility		Hydro Unit:	04040001	
Ownership Indicator:	Other		Site Incident Category:	Not Reported	
Comments:	Not Reported				
NPL Status:	Not on the NPL				
RCRIS Facility Indicator:	Not Reported				
<u>Event</u>				<u>Date Started</u>	<u>Date Completed</u>
DISCOVERY				Not Reported	1979-04-01
PRELIMINARY ASSESSMENT				Not Reported	1984-04-01
SITE INSPECTION				Not Reported	1984-12-01

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Map ID#:	9	Distance (mi):	0.647044	Facility Name:	NORTHWEST INDUSTRIES SITE #88
		Direction:	SSW	Address:	I-94 & COLFAX AVE
EPA ID#:	IND980500490			City, State, Zip:	GARY, IN 46406
CERCLIS Site ID#:	0501608			County:	LAKE
Status:	This site has been delisted from CERCLIS No Further Remedial Action Planned				
Federal Facility Indicator:	Not a Federal Facility		Hydro Unit:	04040001	
Ownership Indicator:	Other		Site Incident Category:	Not Reported	
Comments:	Not Reported				
NPL Status:	Not on the NPL				
RCRIS Facility Indicator:	Not Reported				
<u>Event</u>				<u>Date Started</u>	<u>Date Completed</u>
DISCOVERY				Not Reported	1980-08-01
PRELIMINARY ASSESSMENT				Not Reported	1986-06-23
PRELIMINARY ASSESSMENT				Not Reported	1990-02-07

---

Map ID#:	11	Distance (mi):	0.778639	Facility Name:	TRIPLE J MOTORS SITE
		Direction:	WSW	Address:	7040 WEST 25TH AVENUE
EPA ID#:	INO984869958			City, State, Zip:	GARY, IN 46406
CERCLIS Site ID#:	0506192			County:	LAKE
Status:	This site has been delisted from CERCLIS No Further Remedial Action Planned				
Federal Facility Indicator:	Not a Federal Facility		Hydro Unit:	04040001	
Ownership Indicator:	Private		Site Incident Category:	Other	
Comments:	109 ABANDONEO LEAKING OENTEO & DETERIORATING FIVE GALLON CANS OF PAINT AND PAINT SUPPLIES.				
NPL Status:	Not on the NPL				
RCRIS Facility Indicator:	Not Reported				
<u>Event</u>				<u>Date Started</u>	<u>Date Completed</u>
DISCOVERY				Not Reported	1989-08-24
INTEGRATED ASSESSMENT				1996-02-09	1996-02-09
PRELIMINARY ASSESSMENT				Not Reported	1996-02-09
REMOVAL				1989-09-14	1989-12-06
UNILATERAL ADMIN ORDER				Not Reported	1989-08-25

## CERCLA Archive Data

Delisted Comprehensive Environmental Response, Compensation, and Liability Act Sites (Archive Sites)

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Map ID#:	15D	Distance (mi):	1.150000	Facility Name:	NINETH AVENUE DUMP/RED TOP	
		Direction:	NW	Address:	9TH AVE & CLINE AVE	
EPA ID#:	IND980679849			City, State, Zip:	GARY, IN 46402	
CERCLIS Site ID#:	0501801			County:	LAKE	
Status:	This site has been delisted from CERCLIS No Further Remedial Action Planned			Hydro Unit:	04040001	
Federal Facility Indicator:	Not a Federal Facility			Site Incident Category:	Not Reported	
Ownership Indicator:	Other					
Comments:	Not Reported					
NPL Status:	Not on the NPL					
RCRIS Facility Indicator:	Not Reported					
<u>Event</u>				<u>Date Started</u>	<u>Date Completed</u>	
DISCOVERY				Not Reported	1981-07-01	
HRS PACKAGE				Not Reported	1982-08-01	
PRELIMINARY ASSESSMENT				Not Reported	1987-12-03	
SITE INSPECTION				Not Reported	1982-08-01	

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## RCRA TSD and Generators Data

### Facility and Compliance Information

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Map ID#:	2	Distance (mi):	0.323313	Name:	IDEM		
EPA ID#:	INR000006577	Direction:	WNW	Address:	21ST & HDBART		
Status:	Transporter Conditionally Exempt Small Quantity Generator			City, State, Zip:	HOBART	IN	46342
Land Type:	Unknown			SIC Code:			
				Contact Name:	RUSS GREATORREX		
				Contact Phone:	317-308-3047		

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#### RCRA Evaluation / Violation / Enforcement Data

No Compliance Information Reported

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#### RAATS (RCRA Administrative Action Tracking System) Data

No RAATS Information Reported for this Site

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#### RCRA Corrective Action Data (CORRACTS) Instrument and Event Data

No Corrective Action Instrument Information for this Site

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## ERNS Data

### Emergency Response Notification System Data

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Map ID#:	3	Distance (mi):	0.379989							
		Direction:	NNW							
ID #:	367957	Location:	15TH AVE/COLFAX AVE/ 21ST AVE							
		City, State, Zip:	GARY, IN 46406							
Time Released:	4/18/94	12:00	Deaths:	0	Injuries:	0	Evacuations:	0	Property Damage:	0.00
Medium Affected:	Water									
Name of Affected Medium:	LITTLE CALUMET RIVER									
						<u>Discharger Information (if reported):</u>				
Cause of Release:	Not Reported					WASTE MANAGEMENT WMX TECH				
Additional Cause:	Not Reported					2 WESTBROOK CORPORATE CENTER SUITE 1000 POB 7070				
						WESTCHESTER IL 60154				
Source:	Not Reported									
Transportation Mode:	Fixed Facility									
Release Description:	PIT/MATERIALS ARE PUMPED FM PIT INTO DITCHES WHICH LEAD TO A RIVER RP DUMPS WITHOUT PERMITS									
Action Description:	NONE									
Misc. Information:	CALLER STATES THAT A DITCH ON SHERMAN STREET THAT IS FULL OF OIL CAUSED BY A SEEPAGE BY RP/CALLER STATES THAT IDEM HAS BEEN OF NO HELP									
<u>Material(s) Spilled:</u>		<u>Quantity</u>		<u>Units</u>		<u>Quan in Water</u>		<u>Units in Water</u>		<u>Pounds</u>
UNKNOWN MATERIAL				UNK				UNK		

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# TRI Data

## Toxic Release Inventory Data

Map ID#:	1	Distance:	0.233184		Name:	BIVONA INC.	
		Direction:	ESE		Address:	5700 W. 23RD AVE.	
Agency ID:	46406BVNNC5700W				City, State, Zip:	GARY, IN 46406	
EPA ID#:	NA						
SIC Code:	3842						
<hr/>							
Submission Year:	1987	Substance:	1,1,1-TRICHLORDETHANE				
		Maximum Amount On Site (lbs):	10,000 TO 99,999				
			<u>Amount Released or Transported (lbs):</u>				
Air	Water	Underground	Land	Pub. Owned Treatment	Offsite Transfer	Total	
0.00	0.00	0.00	250.00	0.00	250.00	500.00	
<hr/>							
Submission Year:	1988	Substance:	1,1,1-TRICHLOROETHANE				
		Maximum Amount On Site (lbs):	1,000 TO 9,999				
			<u>Amount Released or Transported (lbs):</u>				
Air	Water	Underground	Land	Pub. Owned Treatment	Offsite Transfer	Total	
250.00	0.00	0.00	0.00	0.00	2.00	252.00	
<hr/>							
Submission Year:	1989	Substance:	1,1,1-TRICHLOROETHANE				
		Maximum Amount On Site (lbs):	1,000 TO 9,999				
			<u>Amount Released or Transported (lbs):</u>				
Air	Water	Underground	Land	Pub. Owned Treatment	Offsite Transfer	Total	
250.00	0.00	0.00	0.00	0.00	8.00	258.00	
<hr/>							
Submission Year:	1990	Substance:	1,1,1-TRICHLOROETHANE				
		Maximum Amount On Site (lbs):	1,000 TO 9,999				
			<u>Amount Released or Transported (lbs):</u>				
Air	Water	Underground	Land	Pub. Owned Treatment	Offsite Transfer	Total	
60,000.00	0.00	0.00	0.00	0.00	1,500.00	61,500.00	
<hr/>							
Submission Year:	1991	Substance:	1,1,1-TRICHLOROETHANE				
		Maximum Amount On Site (lbs):	1,000 TO 9,999				
			<u>Amount Released or Transported (lbs):</u>				
Air	Water	Underground	Land	Pub. Owned Treatment	Offsite Transfer	Total	
31,000.00	0.00	0.00	0.00	0.00	12,000.00	43,000.00	
<hr/>							
Submission Year:	1992	Substance:	1,1,1-TRICHLOROETHANE				
		Maximum Amount On Site (lbs):	1,000 TO 9,999				
			<u>Amount Released or Transported (lbs):</u>				
Air	Water	Underground	Land	Pub. Owned Treatment	Offsite Transfer	Total	
18,600.00	0.00	0.00	0.00	0.00	7,200.00	25,800.00	

# DOCKET Data

## Civil Enforcement Docket

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Map ID#:	14C	Distance (mi):	1.110000	Date Filed:	11/16/79
		Direction:	WNW	Date Concluded:	
Docket Number:	05-79-0075C	Case Name:	MIDWEST SOLVENT RCVR (MIDCO I		
Federal Penalty Assessed:	\$0				
Cost Recovery Charged:	\$0	Case Result:			
<u>Law Reported Violated</u>		<u>Section</u>	<u>Violation Type</u>	<u>Pollutant Type</u>	
CERCLA (Superfund)		106	Container		
CERCLA (Superfund)		107			

### Subject Facilities / EPA ID# / Address / City, State, and Zip

IND980615421 / MIDCO I / 7400 W 15TH AVE / GARY, IN 46406

### Subject Defendant(s)

AMERICAN CAN CO, INC  
BLOOMBERG, LUTHER G.  
CONLEY, EDWARD D.  
CONLEY, HELGA C.  
DAWSON, ROBERT J., JR.  
DEFENDANTS W/SETTLEMENT 1-SETTLEMENT 2  
DEFENDANTS W/SETTLEMENT 1-SETTLEMENT 3  
DEFENDANTS W/SETTLEMENT 1-SETTLEMENT 4  
DEHART, ERNEST AND LOVIE  
DESOTO, INC  
INDUSTRIAL TECTONICS, INC.  
INSILCO CORP  
KLISIAK, EUGENE AND JEANETTE  
MIDWEST INDUSTRIAL SOLVENT, INC.  
MIDWEST SOLVENT RECOVERY, INC.  
MILETICH, JOHN AND MARY  
MOTOROLA, INC  
PENN CENTRAL CORP  
PRE FINISH METALS, INC  
PREMIER COATINGS INC  
RUST-OLEUM, INC.  
STANDARD T CHEMICAL CO, INC  
UNIROYAL, INC  
V & E CORP  
ZENITH RADIO CORP

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Map ID#:	14D	Distance (mi):	1.110000	Date Filed:	01/15/93
		Direction:	WNW	Date Concluded:	01/15/93
Docket Number:	05-91-0125C	Case Name:	VALSPAR CORPORATION		
Federal Penalty Assessed:	\$0				
Cost Recovery Charged:	\$0	Case Result:			
<u>Law Reported Violated</u>		<u>Section</u>	<u>Violation Type</u>	<u>Pollutant Type</u>	
CERCLA (Superfund)		122E3B			

### Subject Facilities / EPA ID# / Address / City, State, and Zip

IND980615421 / MIDCO I / 7400 W 15TH AVE / GARY, IN 46406

### Subject Defendant(s)

VALSPAR CORPORATION

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Map ID#:	15B	Distance (mi):	1.150000	Date Filed:	01/15/93
		Direction:	NW		

# DOCKET Data

## Civil Enforcement Docket

Docket Number: 05-89-0078C Case Name: NINTH AVE DUMP SITE Date Concluded: 03/14/96  
Federal Penalty Assessed: \$0  
Cost Recovery Charged: \$0 Case Result:

<u>Law Reported Violated</u>	<u>Section</u>	<u>Violation Type</u>	<u>Pollutant Type</u>
CERCLA (Superfund)	107A		

Subject Facilities / EPA ID# / Address / City, State, and Zip  
IND980794432 / NINTH AVE DUMP / 7357 W NINTH AVE / GARY, IN 46402

Subject Defendant(s)  
AMERICAN NATIONAL CAN  
CLARK OIL  
DEFENDANTS W/SETTLEMENT 1-SETTLEMENT 2  
MACLEAN-FOGG  
MAGEE CHEMICAL  
MONSANTO CHEMICAL  
NATIONAL PRECISION CIRCUIT  
NAVISTAR (FORMERLY INTERNATIONAL HARVEST  
NINTH AVE DUMP  
REGAL TUBE

Map ID#: 15C Distance (mi): 1.150000  
Direction: NW Date Filed: 09/25/80  
Docket Number: 05-80-0048C Case Name: MARTELL, STEVE-W 9TH Date Concluded: 12/07/83  
Federal Penalty Assessed: \$0  
Cost Recovery Charged: \$15,000 Case Result:

<u>Law Reported Violated</u>	<u>Section</u>	<u>Violation Type</u>	<u>Pollutant Type</u>
CERCLA (Superfund)	107		
Resource Conservation and Recovery Act	7003		

Subject Facilities / EPA ID# / Address / City, State, and Zip  
IND980794432 / NINTH AVE DUMP / 7357 W NINTH AVE / GARY, IN 46402

Subject Defendant(s)  
CLARK, DOROTHY  
CLARK, HOMER R.  
MARTELL, BERNICE  
MARTELL, CHARLES O.  
MARTELL, DONALD  
MARTELL, IRVIN  
MARTELL, STEVE

# Indiana SCL Data

## Indiana State Cleanup List

Map ID#:	<b>8B</b>	Distance (mi):	<b>0.63609</b>	Name:	<b>BLACK DAK DRUMS (GARY DRUMS)</b>
		Direction:	<b>E</b>	Address:	
Agency ID:	<b>0000057</b>			City, State, Zip:	<b>GARY, IN 46407</b>
Type of Site:	<b>Immediate Removal Site</b>			County:	<b>LAKE</b>
Project Manager/Info:	<b>COMPLETED</b>	Chemist:	<b>NDNE</b>	Geologist:	<b>Not Reported</b>
On Commissioner's Bulletin:	<b>No</b>	Score (Indiana Scoring Model):	<b>N/A</b>	Scoring Date:	

Map ID#:	<b>12</b>	Distance (mi):	<b>0.77939</b>	Name:	<b>ROEHL TRANSPORT</b>
		Direction:	<b>NW</b>	Address:	<b>WEST 15TH STREET</b>
Agency ID:	<b>6951101</b>			City, State, Zip:	<b>GARY, IN 46401</b>
Type of Site:	<b>Voluntary Cleanup Site</b>			County:	<b>LAKE</b>
Project Manager/Info:	<b>RIDLEY</b>	Chemist:	<b>SYED</b>	Geologist:	<b>NONE</b>
On Commissioner's Bulletin:	<b>No</b>	Score (Indiana Scoring Model):	<b>N/A</b>	Scoring Date:	

Map ID#:	<b>14A</b>	Distance (mi):	<b>1.11000</b>	Name:	<b>MIDCD I #</b>
		Direction:	<b>WNW</b>	Address:	<b>5900 INDUSTRIAL HIGHWAY</b>
Agency ID:	<b>7500023</b>			City, State, Zip:	<b>GARY, IN 46406</b>
Type of Site:	<b>Superfund Section</b>			County:	<b>LAKE</b>
Project Manager/Info:	<b>SCHAIBLE</b>	Chemist:	<b>METCALFE</b>	Geologist:	<b>SULLIVAN</b>
On Commissioner's Bulletin:	<b>No</b>	Score (Indiana Scoring Model):	<b>N/A</b>	Scoring Date:	

Map ID#:	<b>14E</b>	Distance (mi):	<b>1.11000</b>	Name:	<b>MIDCD I #</b>
		Direction:	<b>WNW</b>	Address:	<b>7400 WEST 15TH AVE</b>
Agency ID:	<b>7500022</b>			City, State, Zip:	<b>GARY, IN 46406</b>
Type of Site:	<b>Superfund Section</b>			County:	<b>LAKE</b>
Project Manager/Info:	<b>SCHAIBLE</b>	Chemist:	<b>SDMMER</b>	Geologist:	<b>SULLIVAN</b>
On Commissioner's Bulletin:	<b>No</b>	Score (Indiana Scoring Model):	<b>N/A</b>	Scoring Date:	

Map ID#:	<b>15E</b>	Distance (mi):	<b>1.15000</b>	Name:	<b>NINTHE AVENUE DUMP</b>
		Direction:	<b>NW</b>	Address:	<b>7537 WEST 9TH AVE</b>
Agency ID:	<b>7500079</b>			City, State, Zip:	<b>GARY, IN 46406</b>
Type of Site:	<b>Superfund Section</b>			County:	<b>LAKE</b>
Project Manager/Info:	<b>SCHAIBLE</b>	Chemist:	<b>CRAWFORD</b>	Geologist:	<b>KUMAR</b>
On Commissioner's Bulletin:	<b>No</b>	Score (Indiana Scoring Model):	<b>N/A</b>	Scoring Date:	

## Indiana SWF Data

### Indiana Solid Waste Facilities Data

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Map ID#:	13	Distance (mi):	1.02381		
		Direction:	WNW		
Agency ID:	45-0013			Name:	WASTE MGMT OF NW IN RECYCLING FACILITY
				Address:	7337 WEST 15TH AVENUE, PO BOX 250
Facility Type:	Private Transfer Station			County:	LAKE
Delisted:	No				
Expiration Date:	5/1/02				
Contact:	Not Reported			Owner:	Not Reported
Phone:	(219) 932-2791			Responsible Party:	Not Reported
				Address:	Not Reported
				City, St, Zip:	Not Reported
				Phone:	Not Reported

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## Indiana LUST Data

### Indiana Leaking Underground Storage Tank Data

Map ID#:	4A	Distance (mi):	0.55841	Name:	PILOT CORP #271
Agency ID:	200007509	Direction:	SE	Address:	2501 BURR ST
Priority:	Low			City, State Zip:	GARY, IN 46406
Substance:	Not Reported			Status:	Active
<u>Media Affected:</u> Soil					
Map ID#:	4B	Distance (mi):	0.55841	Name:	PILOT CORP #271
Agency ID:	199502502	Direction:	SE	Address:	2501 BURR ST
Priority:	Not Reported			City, State Zip:	GARY, IN 46406
Substance:	Not Reported			Status:	Active
<u>Media Affected:</u> Not Reported					
Map ID#:	5A	Distance (mi):	0.56477	Name:	TA OPERATING CORP TRUCKSTOPS OF AMERICA
Agency ID:	198702031	Direction:	SE	Address:	2510 BURR ST
Priority:	Low			City, State Zip:	GRIFFITH, IN 46319
Substance:	Not Reported			Status:	Discontinued
<u>Media Affected:</u> Soil					
Map ID#:	5B	Distance (mi):	0.56477	Name:	TA OPERATING CORP TRUCKSTOPS OF AMERICA
Agency ID:	199804500	Direction:	SE	Address:	2510 BURR ST
Priority:	Low			City, State Zip:	GRIFFITH, IN 46319
Substance:	Not Reported			Status:	Discontinued
<u>Media Affected:</u> Soil					
Map ID#:	5C	Distance (mi):	0.56477	Name:	TA OPERATING CORP TRUCKSTOPS OF AMERICA
Agency ID:	198902085	Direction:	SE	Address:	2510 BURR ST
Priority:	High			City, State Zip:	GRIFFITH, IN 46319
Substance:	Not Reported			Status:	Active
<u>Media Affected:</u> Soil Groundwater MTBE Free Product Eco Sensitive					
Map ID#:	5D	Distance (mi):	0.56477	Name:	TA OPERATING CORP TRUCKSTOPS OF AMERICA
Agency ID:	199710516	Direction:	SE	Address:	2510 BURR ST
Priority:	Low			City, State Zip:	GRIFFITH, IN 46319
Substance:	Not Reported			Status:	Active
<u>Media Affected:</u> Soil					

## Indiana LUST Data

### Indiana Leaking Underground Storage Tank Data

Map ID#:	5E	Distance (mi):	0.56477		
Agency ID:	199803224	Direction:	SE	Name:	TA TRUCKSTOPS
Priority:	Medium			Address:	2510 BURR ST
Substance:	Not Reported			City, State Zip:	GARY, IN 46406
				Status:	Active
<u>Media Affected:</u>					
Soil					
Groundwater					
Map ID#:	6	Distance (mi):	0.61359		
Agency ID:	200008506	Direction:	SE	Name:	AMOCO SS 19754
Priority:	Medium			Address:	2567 BURR ST
Substance:				City, State Zip:	GARY, IN 46406
				Status:	Active
<u>Media Affected:</u>					
Soil					
Soil					
Soil					
Groundwater					
Groundwater					
Groundwater					
MTBE					
MTBE					
MTBE					
Map ID#:	10A	Distance (mi):	0.70775		
Agency ID:	199903552	Direction:	NE	Name:	SHELL OIL GARY WILLIE WATKINS
Priority:	Medium			Address:	5390 W 15TH AVE
Substance:	Not Reported			City, State Zip:	GARY, IN 46406
				Status:	Active
<u>Media Affected:</u>					
Groundwater					
Soil					
Map ID#:	10B	Distance (mi):	0.70775		
Agency ID:	198712012	Direction:	NE	Name:	SHELL OIL GARY WILLIE WATKINS
Priority:	Low			Address:	5390 W 15TH AVE
Substance:	Not Reported			City, State Zip:	GARY, IN 46406
				Status:	No Further Action
<u>Media Affected:</u>					
Soil					

## Unmappable Sites

A limitation of many records of governmental databases is incomplete or incorrect address information. Without proper addresses, it is more difficult to locate and map these sites.

Instead of leaving these potentially important sites out of the manually geocoded EcoSearch report, we implement a painstaking manual geocoding strategy aimed at plotting these unmappable sites by looking at zip codes, city names, and county names identified with the radius around your study site. The zip codes, cities, and counties searched are identified on the EcoSearch Statistical Overview page.

Our sophisticated mapping software, enhanced TIGER street maps, and address correction database processing methods find and plot most environmental sites. We then perform manual geocoding, plotting those sites the computer fails to find using a variety of resources. These include using our in-house collection of paper maps, directories, cross-referencing database information, and calling post offices, local government, or the sites themselves to accurately locate environmental records. We also correct obvious TIGER street map errors and omissions.

This effort at manual geocoding results in a short or non-existent orphan/unmappable list and increases accuracy and reliability of the data in our reports. The EcoSearch Instant Online and Preview reports take advantage of all previous geocoding work that has been done providing the highest quality report virtually instantaneously. The potential remains that an order can be placed in an area which has not been worked, thus resulting in more unmappables than typically associated with an EcoSearch report.

The limited number of sites which could not be reasonably found through our geocoding strategy are presented in this section for further review to assess their impact on your study site.

After the summary unmappable site information, the detailed data follows.



## Unmappable Sites

<u>Database</u>	<u>Agency ID#</u>	<u>Site Name and Address</u>	<u>County</u>
SCL (HWS) Indiana State Cleanup List Site	3970701	MARQUETTE PKLG NRD GARY, IN	LAKE

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## Indiana SCL Data

### Indiana State Cleanup List

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Map ID#:	<b>1UN</b>	Distance (mi):	<b>0.00000</b>	Name:	<b>MARQUETTE PKLG NRD</b>
		Direction:		Address:	
Agency ID:	<b>3970701</b>			City, State, Zip:	<b>GARY, IN</b>
Type of Site:				County:	<b>LAKE</b>
Project Manager/Info:	<b>Not Reported</b>	Chemist:	<b>Not Reported</b>	Geologist:	<b>Not Reported</b>
On Commissioner's Bulletin:	<b>No</b>	Score (Indiana Scoring Model):	<b>N/A</b>	Scoring Date:	

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# Environmental Glossary

## Acid

A large class of substances having a pH less than seven. An acid waste is considered hazardous when the pH is 2.0 or less.

## Acute Effect

An adverse effect on a human or animal body, with severe symptoms developing rapidly and coming quickly to a crisis.

## Acute Exposure

A dose that is delivered to the body in a single event or in a short period of time.

## Aerobic

Occurring in the presence of free oxygen.

## Alkaline

A substance with a pH between 7 and 14. An alkaline waste is considered hazardous when its pH is 12.5 or greater.

## Ambient

Existing conditions of air, water, and other media at a particular time.

## Anaerobic

Occurring in the absence of oxygen.

## Assessment

An analysis or examination.

## Background Environmental Sample

Samples that are considered to contain no contaminants or known concentrations of contaminants.

## Base

A substance which forms a salt when reacted with an acid. Bases have a pH of greater than seven.

## Buffer Zone

An area of land which surrounds a hazardous waste facility and on which certain land uses and activities are restricted to protect the public health and safety and the environment from existing or potential hazards caused by the migration of hazardous waste (CH&SC Sec. 25110.3).

## Carcinogen

A substance or agent capable of causing or producing cancer in mammals.

## Caustics

A large class of substances which form solutions having a high pH.

## Chronic Effect

An adverse effect on a human or animal body, with symptoms which develop slowly over a long period of time or which reoccur frequently.

## Chronic Exposure

Low doses repeatedly received by the body over a long period of time.

## Combustible

A term used by the NFPA, DOT, and others to classify certain liquids that will burn, on the basis of flash points. Both the NFPA and DOT generally define "combustible liquids" as having a flash point of 100° F or higher.

## Concentration

The relative amount of a substance when combined or mixed with other substances.

## Contingency Plan

A document setting out an organized, planned, and coordinated course of action to be followed in case of a fire or explosion or release of a hazardous waste from a TSD or a generator's facility that could threaten human health or the environment (RCRA).

## Corrosive

As defined by DOT, a corrosive material is a liquid or solid that causes visible destruction or irreversible alterations in human skin tissue at the site of contact or in the case of leakage from its packaging a liquid that has a severe corrosion rate on steel. A solid or liquid which exhibits these characteristics can be regulated as hazardous waste.

## Decomposition

Breakdown of material or substance (by heat, chemical reaction, electrolysis, decay, or other processes) into elements or simpler compounds.

## Decontamination

The process of removing contaminants from individuals and equipment.

## Deep Well Injection

Disposal of wastes by injecting them into a geological formation deep in the ground, sometimes after pretreatment to avoid solidification.

## EPA ID Number

This unique number assigned by EPA to each generator, transporter, or TSD.

## Effluent

Waste material, either treated or untreated, discharged into the environment.

## Environmental Assessment

The measurement or prediction of the transport, dispersion, and final location of a hazardous substance when released into the environment.

## Environmental Emergencies

Incidents involving the release (or potential release) of hazardous materials into the environment which require immediate remedial action.

## Environmental Hazard

A condition capable of posing risk of exposure to air, water, soil, plants, or wildlife.

## Exception Report

A report that generators who transport waste off-site must submit if they do not receive a properly completed copy of their manifest within 45 days of the date on which the initial transporter accepted the waste.

## Generator

The person or facility who, by nature or ownership, management or control, is responsible for causing or allowing to be caused, the creation of hazardous waste.

## Glovebag

A device used to remove a section of pipe insulation without isolating the entire space or room.

## Groundwater Hydrology

The study of the movement of water below the earth's surface.

## Hazard

A circumstance or condition that can cause harm. Hazards are often categorized into four groups: biological, chemical, physical, and radiation.

## Hazard Classes

A series of nine descriptive terms that have been established by the UN Committee of Experts to categorize the hazardous nature of chemical, physical, and biological materials. These categories are: flammable liquids, explosives, gases, oxidizers, radioactive materials, corrosives, flammable solids, poisonous and infectious substances, and dangerous substances.

## Hazardous Waste

Any material that is subject to the hazardous waste manifest requirements of the EPA specified in the CFR, Title 40, Part 262 or would be subject to these requirements in the absence of an interim authorization to a State under CFR, Title 40, Part 123, Subpart F.

## Heavy Metals

Certain metallic elements having a high density and generally toxic, e.g., lead, silver, mercury, and arsenic.

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**Immediate Removal**

Actions undertaken to prevent or mitigate immediate and significant risk of harm to human life or health or the environment. As set forth in the National Contingency Plan, these actions shall be terminated after \$1 million has been obligated or six months have elapsed from the date of initial response.

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**Incident**

The release or potential release of a hazardous substance into the environment.

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**Inert**

Exhibiting no chemical activity; totally unreactive.

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**Innocent Land Owner's Defense**

The defense of a purchaser of real property that he or she exercised due diligence in having hazards assessed prior to purchase.

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**Interim Status**

Allows owners and operators of TSDs that were in existence, or for which construction had commenced, prior to November 19, 1980 to continue to operate without a permit after this date pending final issuance from RCRA.

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**Joint and Several Liability**

Under federal law each party that contributed to damages may be held liable for all damages, but each has the right to compel the others to contribute and indemnify.

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**Liability**

Being subject to legal action for one's behavior.

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**MSDS Material Safety Data Sheet**

Required by OSHA of owners to alert employees to hazards, their effect, and protective action.

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**Manifest**

Form which indicates generator, quantity, and type of waste for each shipment of hazardous wastes disposed in off-site facilities.

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**National Contingency Plan**

Policies and procedures that the Federal Government follows in implementing responses to incidents involving hazardous substances.

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**P Wastes**

A federal waste list comprised of substances categorized as acutely hazardous.

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**Part A**

The first part of a two part application that must be submitted by a TSD to receive a permit. It contains general facility information.

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**Part B**

The second part of a two part application that must be submitted by a TSD to receive a permit. It contains highly technical and detailed information.

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**Planned Removal**

The removal of released hazardous substances from the environment within a non-immediate, long term time period. Under CERCLA: Actions intended to minimize increases in exposure such that time and cost commitments are limited to six months and/or \$1 million.

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**Poison, Class A**

A DOT term for extremely dangerous poisons, that is, poisonous gases or liquids of such nature that a very small amount of the gas, or vapor of the liquid, mixed with air is dangerous to life. Some examples: phosgene, cyanogen, and hydrocyanic acid.

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**Poison, Class B**

A DOT term for liquid, solid, paste, or semisolid substances, other than Class A poisons, which are known to be toxic to man as to afford a hazard to health during transportation.

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**Pollutant**

A substance or mixture which after release into the environment and upon exposure to any organisms will or may reasonably be anticipated to cause adverse effects in such organisms and their offspring.

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**Priority Pollutants**

A list of chemicals selected from the list of toxic pollutants by the EPA as priority toxic pollutants for regulation under the Clean Water Act.

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**Remedial Actions**

Responses to releases of hazardous substances on the NPL that are consistent with a permanent remedy which would prevent or mitigate the migration of materials into the environment.

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**Risk**

The probability that an unwanted event will occur.

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**Second Responders**

Those personnel required to assist or relieve first responders at a hazardous material incident due to their specialized knowledge, equipment, or experience. These include State environmental protection or health officials, commercial response, cleanup companies, and appropriate industry representatives.

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**Strict Liability**

Holds a party responsible for damages irrespective of the amount of care taken in handling a hazardous substance.

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**Subtitle C**

The part of RCRA which pertains to the management of hazardous waste.

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**Subtitle I**

The part of RCRA which pertains to the storage of petroleum products and hazardous substances, other than wastes, in USTs.

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**Superfund**

See CERCLA.

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**Synergetic**

The action of two materials together which is greater in effect than the sum of the individuals actions.

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**TIGER Files**

The US Census Bureau's TIGER files provide a nationwide computerized map with address range information.

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**Tort**

A legal wrong, sometimes referred to as negligence.

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**Toxicity**

The ability of a substance to produce injury by non-mechanical means once it reaches a susceptible site in or on the body.

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**U Wastes**

A federal list of hazardous wastes which consists of substances deemed to be hazardous for hazards other than acute hazards.

## Acronyms and Abbreviations

-AIRS	Aerometric Information Retrieval System
-AST	Aboveground Storage Tank
-ASTM	American Society for Testing and Materials
-BLM	Bureau of Land Management
-BNA	Bureau of National Affairs
-CAA	Clean Air Act
-CDC	Centers for Disease Control
-CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
-CERCLIS	CERCLA Information System
-CICIS	Chemicals in Commerce Information System
-COE	U.S. Army Corps of Engineers
-CWA	Clean Water Act
-DDT	Dichloro-diphenyl-dichloroethane
-DOC	Department of Commerce
-DOCKET	Enforcement Docket System--Office of Enforcement and Compliance Monitoring
-DOE	Department of Energy
-DOT	Department of Transportation
-EPA	Environmental Protection Agency
-ERCS	Emergency Response Cleanup Services
-ERNS	Emergency Response Notification System
-ESA	Environmental Site Assessment
-FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
-FINDS	Facility Index System
-FOIA	Freedom of Information Act
-FWPCA	Federal Water Pollution Control Act
-HHS	Department of Health and Human Services
-HSWA	Hazardous and Solid Waste Amendments of 1984
-HUD	Department of Housing and Urban Development
-LUST	Leaking Underground Storage Tank
-MSDS	Material Safety Data Sheet
-NEPA	National Environment Policy Act
-NESHAP	National Emission Standards for Hazardous Air Pollutants
-NFRAP	No Further Remedial Action Planned (Delisted CERCLA Site)
-NOI	Notice of Intent
-NOV	Notice of Violation
-NPDES	National Pollution Discharge Elimination System
-NPL	National Priorities List
-NRC	Nuclear Regulatory Commission
-NRIS	Nuclear Regulatory Information System
-OSHA	Occupational Safety and Health Administration
-PADS	PCB Activity Database System

## Acronyms and Abbreviations


-PCB	Polychlorinated Biphenyls
-POTW	Publicly-Owned Treatment Works
-PPM	Parts Per Million
-PRP	Potentially Responsible Parties
-RAATS	RCRA Administrative Action Tracking System
-RCRA	Resource Conservation and Recovery Act of 1976
-RCRIS	Resource Conservation and Recovery Information System
-RFA	RCRA Facility Assessment
-RFI	RCRA Facility Investigation
-RI	Remedial Investigation (CERCLA)
-SARA	Superfund Amendments and Reauthorization Act of 1986
-SCS	Soil Conservation Service
-SDWA	Safe Drinking Water Act
-SETS	Superfund Enforcement Tracking System
-SSTS	Section Seven Tracking System
-SWF/LF	Solid Waste Facilities / Landfills
-TIGER	Topologically Integrated Geographic Encoding and Referencing System
-TRI	Toxic Release Inventory
-TSCA	Toxic Substances Control Act
-TSD	Treatment, Storage, or Disposal Facility
-USDA	U.S. Department of Agriculture
-USGS	U.S. Geological Survey
-UST	Underground Storage Tank
-WWTP	Wastewater Treatment Plant

## **APPENDIX F: PHOTOGRAPHS**

## PHOTOGRAPH LOG

<b>Project Name</b>	J-PIT Redevelopment Site, Section 3, Gary, Indiana
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<b>Project:</b> 1216.001.03 <b>Date:</b> 02-16-01 <b>Photographed By:</b> Dionne L. Carey	
<b>Description:</b> View of northwest end of subject property and north adjacent property as seen from Colfax Avenue.	
<b>PHOTO #1</b>	


<b>Project:</b> 1216.001.03 <b>Date:</b> 02-16-01 <b>Photographed By:</b> Dionne L. Carey	
<b>Description:</b> View of south side of the subject property.	
<b>PHOTO #2</b>	



## PHOTOGRAPH LOG

<i>Project Name</i>	<i>J-PIT Redevelopment Site, Section 3, Gary, Indiana</i>
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<i>Project: 1216.001.03</i> <i>Date: 02-16-01</i> <i>Photographed By:</i> <i>Dionne L. Carey</i>	
<i>Description:</i> <i>View of debris and stressed vegetation on the subject property and rear of southwest adjacent junkyard.</i>	
<i>PHOTO #3</i>	

<i>Project: 1216.001.03</i> <i>Date: 02-16-01</i> <i>Photographed By:</i> <i>Dionne L. Carey</i>	
<i>Description:</i> <i>Typical view of tire and car debris on the subject property.</i>	
<i>PHOTO #4</i>	



## PHOTOGRAPH LOG

<i>Project Name</i>	<i>J-PIT Redevelopment Site, Section 3, Gary, Indiana</i>
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<i>Project: 1216.001.03</i> <i>Date: 02-16-01</i> <i>Photographed By:</i> <i>Dionne L. Carey</i>	
<i>Description:</i> <i>View of east adjacent property to the subject site.</i>	
<i>PHOTO #5</i>	

<i>Project: 1216.001.03</i> <i>Date: 02-16-01</i> <i>Photographed By:</i> <i>Dionne L. Carey</i>	
<i>Description:</i> <i>View of west adjacent property to the subject site. (section 2)</i>	
<i>PHOTO # 6</i>	



## PHOTOGRAPH LOG

<i>Project Name</i>	<i>J-PIT Redevelopment Site, Section 3, Gary, Indiana</i>
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<i>Project: 1216.001.03</i> <i>Date: 02-16-01</i> <i>Photographed By:</i> <i>Dionne L. Carey</i>	
<i>Description:</i> <i>View of pole-mounted transformer on subject property.</i>	
<i>PHOTO #7</i>	

<i>Project: 1216.001.03</i> <i>Date: 02-16-01</i> <i>Photographed By:</i> <i>Dionne L. Carey</i>	
<i>Description:</i> <i>View of active junkyard on the southwest adjacent property.</i>	
<i>PHOTO #8</i>	